1. Effective (Isotropic) Radiated Power Output Data

1.1 B17_5MHz_ERP

1.1.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	706.5	1	0	22.56	-4.53	15.88	<=34.77	Pass
			13	22.69	-4.53	16.01	<=34.77	Pass
			24	22.61	-4.53	15.93	<=34.77	Pass
		12	0	21.61	-4.53	14.93	<=34.77	Pass
			6	21.68	-4.53	15.00	<=34.77	Pass
			13	21.60	-4.53	14.92	<=34.77	Pass
		25	0	21.61	-4.53	14.93	<=34.77	Pass
	710	1	0	22.10	-4.53	15.42	<=34.77	Pass
			13	22.29	-4.53	15.61	<=34.77	Pass
			24	22.16	-4.53	15.48	<=34.77	Pass
		12	0	21.23	-4.53	14.55	<=34.77	Pass
			6	21.23	-4.53	14.55	<=34.77	Pass
			13	21.25	-4.53	14.57	<=34.77	Pass
		25	0	21.23	-4.53	14.55	<=34.77	Pass
	713.5	1	0	22.09	-4.53	15.41	<=34.77	Pass
			13	22.31	-4.53	15.63	<=34.77	Pass
			24	22.15	-4.53	15.47	<=34.77	Pass
		12	0	21.14	-4.53	14.46	<=34.77	Pass
			6	21.27	-4.53	14.59	<=34.77	Pass
			13	21.24	-4.53	14.56	<=34.77	Pass
		25	0	21.21	-4.53	14.53	<=34.77	Pass
16QAM	706.5	1	0	21.43	-4.53	14.75	<=34.77	Pass
			13	21.28	-4.53	14.60	<=34.77	Pass
			24	21.06	-4.53	14.38	<=34.77	Pass
		12	0	20.14	-4.53	13.46	<=34.77	Pass
			6	20.22	-4.53	13.54	<=34.77	Pass
			13	20.13	-4.53	13.45	<=34.77	Pass
		25	0	20.19	-4.53	13.51	<=34.77	Pass
	710	1	0	21.23	-4.53	14.55	<=34.77	Pass
			13	21.37	-4.53	14.69	<=34.77	Pass
			24	21.26	-4.53	14.58	<=34.77	Pass
		12	0	20.21	-4.53	13.53	<=34.77	Pass
			6	20.25	-4.53	13.57	<=34.77	Pass
			13	20.28	-4.53	13.60	<=34.77	Pass
		25	0	20.32	-4.53	13.64	<=34.77	Pass
	713.5	1	0	21.40	-4.53	14.72	<=34.77	Pass
			13	21.57	-4.53	14.89	<=34.77	Pass
			24	21.46	-4.53	14.78	<=34.77	Pass
		12	0	20.19	-4.53	13.51	<=34.77	Pass
			6	20.37	-4.53	13.69	<=34.77	Pass
			13	20.34	-4.53	13.66	<=34.77	Pass
		25	0	20.25	-4.53	13.57	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.2 B17_10MHz_ERP

1.2.1 Test Result

Band: 17 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	709	1	0	22.10	-4.53	15.42	<=34.77	Pass
			25	22.34	-4.53	15.66	<=34.77	Pass
			49	22.29	-4.53	15.61	<=34.77	Pass
		25	0	21.29	-4.53	14.61	<=34.77	Pass
			13	21.24	-4.53	14.56	<=34.77	Pass
			25	21.37	-4.53	14.69	<=34.77	Pass
		50	0	21.31	-4.53	14.63	<=34.77	Pass
	710	1	0	22.04	-4.53	15.36	<=34.77	Pass
			25	22.31	-4.53	15.63	<=34.77	Pass
			49	22.23	-4.53	15.55	<=34.77	Pass
		25	0	21.33	-4.53	14.65	<=34.77	Pass
			13	21.22	-4.53	14.54	<=34.77	Pass
			25	21.36	-4.53	14.68	<=34.77	Pass
		50	0	21.34	-4.53	14.66	<=34.77	Pass
	711	1	0	22.04	-4.53	15.36	<=34.77	Pass
			25	22.31	-4.53	15.63	<=34.77	Pass
			49	22.23	-4.53	15.55	<=34.77	Pass
		25	0	21.27	-4.53	14.59	<=34.77	Pass
			13	21.28	-4.53	14.60	<=34.77	Pass
			25	21.36	-4.53	14.68	<=34.77	Pass
		50	0	21.32	-4.53	14.64	<=34.77	Pass
16QAM	709	1	0	21.10	-4.53	14.42	<=34.77	Pass
			25	21.34	-4.53	14.66	<=34.77	Pass
			49	21.29	-4.53	14.61	<=34.77	Pass
		25	0	20.39	-4.53	13.71	<=34.77	Pass
			13	20.39	-4.53	13.71	<=34.77	Pass
			25	20.45	-4.53	13.77	<=34.77	Pass
		50	0	20.35	-4.53	13.67	<=34.77	Pass
	710	1	0	21.22	-4.53	14.54	<=34.77	Pass
			25	21.52	-4.53	14.84	<=34.77	Pass
			49	21.44	-4.53	14.76	<=34.77	Pass
		25	0	20.38	-4.53	13.70	<=34.77	Pass
			13	20.28	-4.53	13.60	<=34.77	Pass
			25	20.43	-4.53	13.75	<=34.77	Pass
		50	0	20.41	-4.53	13.73	<=34.77	Pass
	711	1	0	21.66	-4.53	14.98	<=34.77	Pass
			25	21.96	-4.53	15.28	<=34.77	Pass
			49	21.81	-4.53	15.13	<=34.77	Pass
		25	0	20.42	-4.53	13.74	<=34.77	Pass
			13	20.37	-4.53	13.69	<=34.77	Pass
			25	20.47	-4.53	13.79	<=34.77	Pass
		50	0	20.40	-4.53	13.72	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 B17_5MHz

2.1.1 Test Result

Band: 17 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	

QPSK	706.5	25	0	20	3.27	-3.033	-0.0043	-2.5 to 2.5	Pass
					3.85	-2.475	-0.0035	-2.5 to 2.5	Pass
					4.43	-3.405	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-5.035	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-6.280	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-0.787	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-4.148	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-3.147	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-6.366	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-0.572	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-3.047	-0.0043	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-6.280	-0.0088	-2.5 to 2.5	Pass
					3.85	-9.398	-0.0132	-2.5 to 2.5	Pass
					4.43	-3.877	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-8.397	-0.0118	-2.5 to 2.5	Pass
				-20	3.85	-4.520	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-6.981	-0.0098	-2.5 to 2.5	Pass
				0	3.85	-4.277	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-3.462	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-6.394	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-3.333	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-6.881	-0.0097	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-10.200	-0.0143	-2.5 to 2.5	Pass
					3.85	-8.998	-0.0126	-2.5 to 2.5	Pass
					4.43	-3.605	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-6.523	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-4.506	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-2.646	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-4.663	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-9.155	-0.0128	-2.5 to 2.5	Pass
				30	3.85	-2.503	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-7.453	-0.0104	-2.5 to 2.5	Pass
				50	3.85	-5.922	-0.0083	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	-9.985	-0.0141	-2.5 to 2.5	Pass
					3.85	-4.964	-0.0070	-2.5 to 2.5	Pass
					4.43	-7.339	-0.0104	-2.5 to 2.5	Pass
				-30	3.85	-6.895	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-1.259	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-2.546	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-3.533	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-6.909	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-6.022	-0.0085	-2.5 to 2.5	Pass
				40	3.85	-3.233	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-0.486	-0.0007	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-6.280	-0.0088	-2.5 to 2.5	Pass
					3.85	-4.148	-0.0058	-2.5 to 2.5	Pass
					4.43	-4.978	-0.0070	-2.5 to 2.5	Pass
				-30	3.85	-11.029	-0.0155	-2.5 to 2.5	Pass
				-20	3.85	-9.170	-0.0129	-2.5 to 2.5	Pass
				-10	3.85	-6.623	-0.0093	-2.5 to 2.5	Pass
				0	3.85	-9.441	-0.0133	-2.5 to 2.5	Pass
				10	3.85	-6.094	-0.0086	-2.5 to 2.5	Pass
				30	3.85	-5.593	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-3.419	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-5.493	-0.0077	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-7.296	-0.0102	-2.5 to 2.5	Pass
					3.85	-11.802	-0.0165	-2.5 to 2.5	Pass
					4.43	-11.559	-0.0162	-2.5 to 2.5	Pass
				-30	3.85	-7.539	-0.0106	-2.5 to 2.5	Pass

				-20	3.85	-5.751	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-6.766	-0.0095	-2.5 to 2.5	Pass
				0	3.85	-4.177	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-8.082	-0.0113	-2.5 to 2.5	Pass
				30	3.85	-3.991	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-6.652	-0.0093	-2.5 to 2.5	Pass
				50	3.85	-3.777	-0.0053	-2.5 to 2.5	Pass

2.2 B17_10MHz

2.2.1 Test Result

Band: 17 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	709	50	0	20	3.27	-8.268	-0.0117	-2.5 to 2.5	Pass
					3.85	-8.483	-0.0120	-2.5 to 2.5	Pass
					4.43	-6.995	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-6.051	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-8.068	-0.0114	-2.5 to 2.5	Pass
				-10	3.85	-9.742	-0.0137	-2.5 to 2.5	Pass
				0	3.85	-6.008	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-6.366	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-3.204	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-4.764	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-5.465	-0.0077	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-0.772	-0.0011	-2.5 to 2.5	Pass
					3.85	-5.550	-0.0078	-2.5 to 2.5	Pass
					4.43	-2.303	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-6.981	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-6.480	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-8.082	-0.0114	-2.5 to 2.5	Pass
				0	3.85	-7.725	-0.0109	-2.5 to 2.5	Pass
				10	3.85	-8.183	-0.0115	-2.5 to 2.5	Pass
				30	3.85	-6.180	-0.0087	-2.5 to 2.5	Pass
				40	3.85	-7.911	-0.0111	-2.5 to 2.5	Pass
				50	3.85	-6.123	-0.0086	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-4.535	-0.0064	-2.5 to 2.5	Pass
					3.85	-5.078	-0.0071	-2.5 to 2.5	Pass
					4.43	-4.263	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-3.018	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-4.349	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-1.316	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-5.579	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-1.144	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-4.735	-0.0067	-2.5 to 2.5	Pass
				50	3.85	-0.186	-0.0003	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-4.892	-0.0069	-2.5 to 2.5	Pass
					3.85	-7.410	-0.0105	-2.5 to 2.5	Pass
					4.43	-7.410	-0.0105	-2.5 to 2.5	Pass
				-30	3.85	-6.680	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-7.138	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-5.436	-0.0077	-2.5 to 2.5	Pass
				0	3.85	-6.952	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-5.136	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-2.961	-0.0042	-2.5 to 2.5	Pass

				40	3.85	-4.935	-0.0070	-2.5 to 2.5	Pass
				50	3.85	-2.918	-0.0041	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-7.381	-0.0104	-2.5 to 2.5	Pass
					3.85	-7.911	-0.0111	-2.5 to 2.5	Pass
					4.43	-5.822	-0.0082	-2.5 to 2.5	Pass
				-30	3.85	-6.509	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-3.476	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-3.748	-0.0053	-2.5 to 2.5	Pass
				0	3.85	-7.210	-0.0102	-2.5 to 2.5	Pass
				10	3.85	-2.317	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-3.476	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-4.606	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-6.194	-0.0087	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-4.849	-0.0068	-2.5 to 2.5	Pass
					3.85	-8.025	-0.0113	-2.5 to 2.5	Pass
					4.43	-10.214	-0.0144	-2.5 to 2.5	Pass
				-30	3.85	-8.512	-0.0120	-2.5 to 2.5	Pass
				-20	3.85	-9.499	-0.0134	-2.5 to 2.5	Pass
				-10	3.85	-4.706	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-6.523	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-5.465	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-8.612	-0.0121	-2.5 to 2.5	Pass
				40	3.85	-7.510	-0.0106	-2.5 to 2.5	Pass
				50	3.85	-8.283	-0.0116	-2.5 to 2.5	Pass

3. Modulation Characteristics

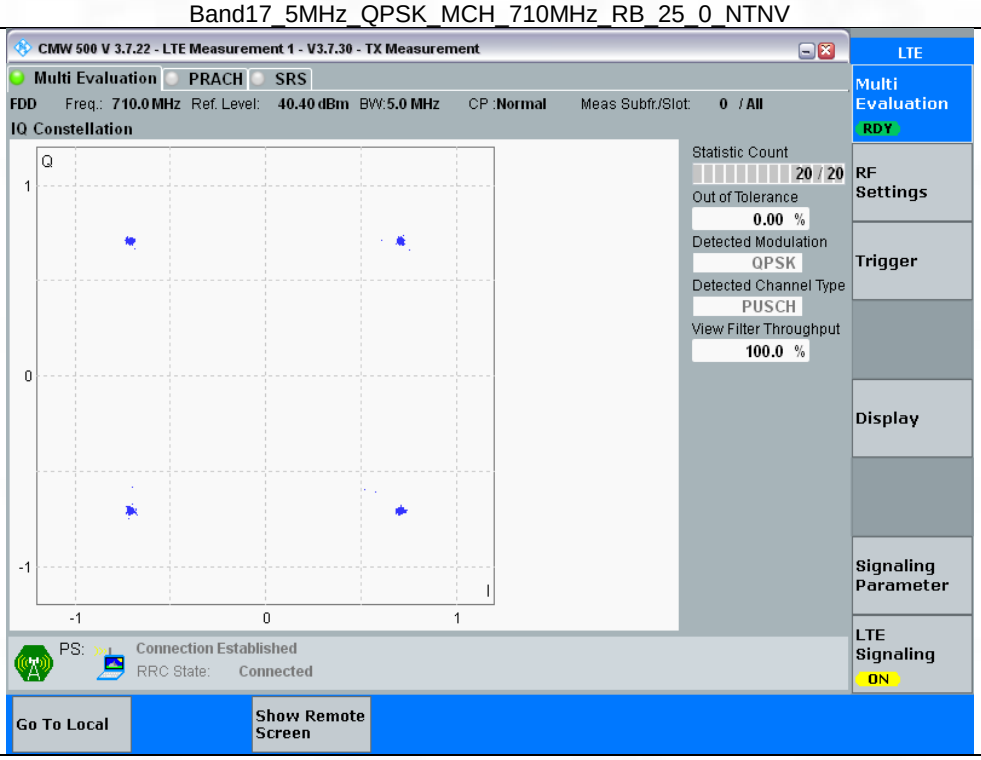
3.1 B17_5MHz

3.1.1 Test Result

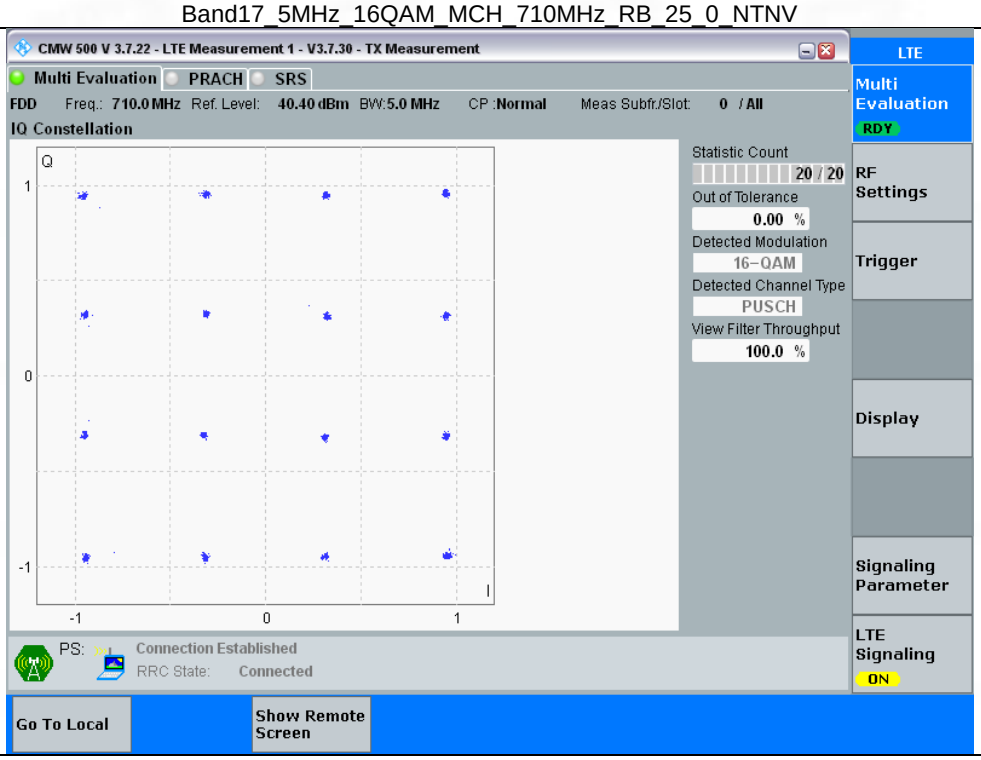
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	25	0	Refer To Test Graph		Pass
16QAM	710	25	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



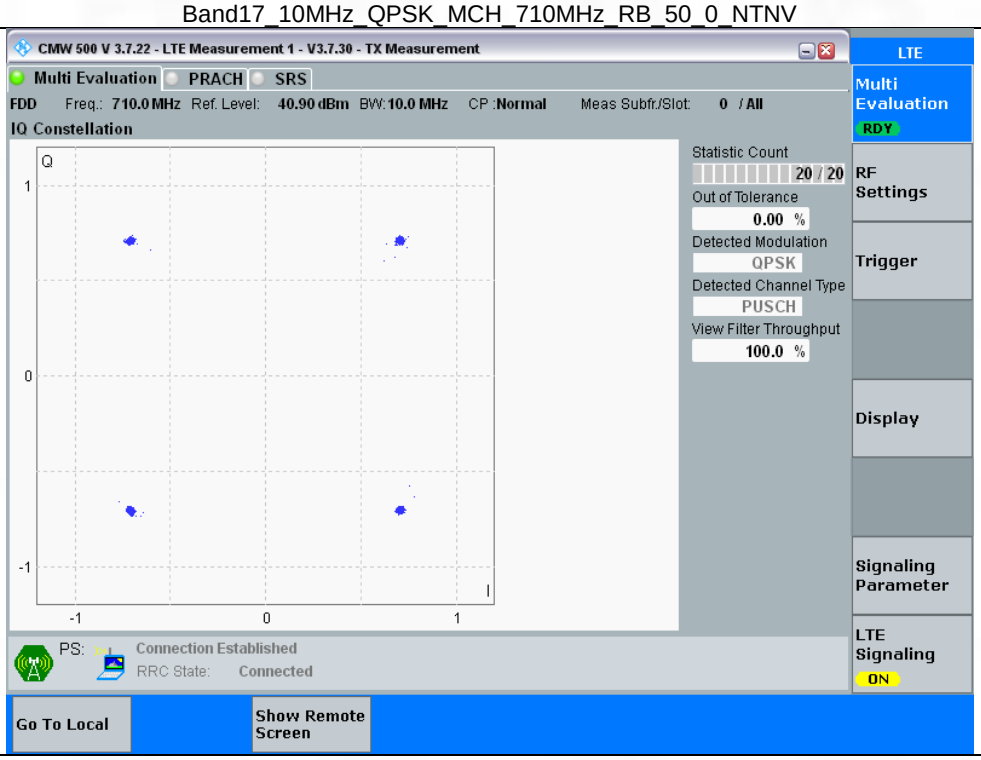
3.2 B17_10MHz

3.2.1 Test Result

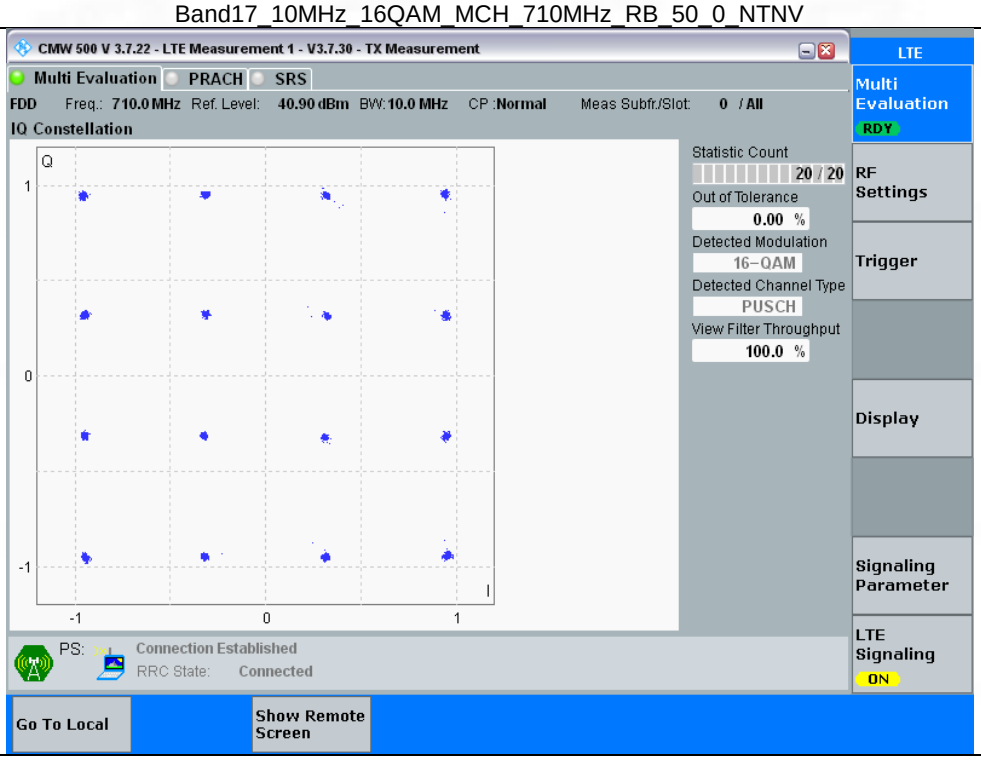
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	50	0	Refer To Test Graph		Pass
16QAM	710	50	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



4. 99% & 26dB Bandwidth

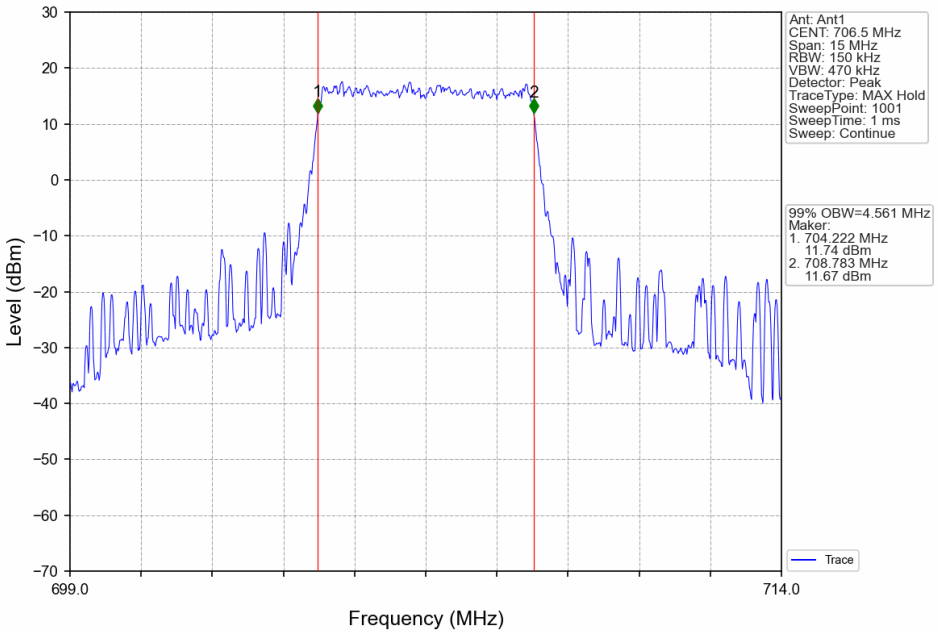
4.1 Band17_OBW

4.1.1 Test Result

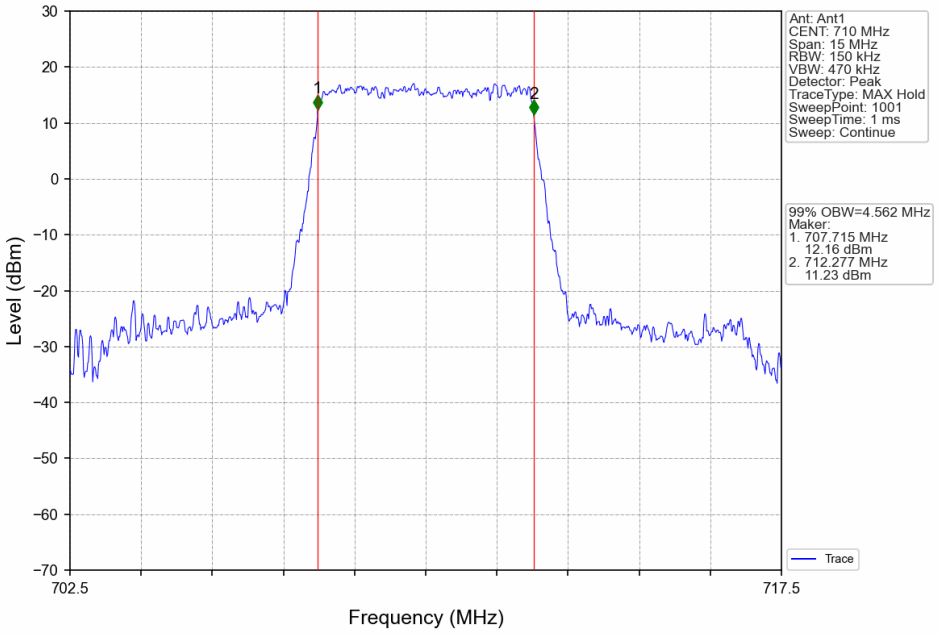
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.561	/	Pass
		710	25	0	4.562	/	Pass
		713.5	25	0	4.577	/	Pass
	16QAM	706.5	25	0	4.589	/	Pass
		710	25	0	4.586	/	Pass
		713.5	25	0	4.550	/	Pass
10	QPSK	709	50	0	9.121	/	Pass
		710	50	0	9.101	/	Pass
		711	50	0	9.112	/	Pass
	16QAM	709	50	0	9.091	/	Pass
		710	50	0	9.082	/	Pass
		711	50	0	9.085	/	Pass

4.1.2 Test Graph

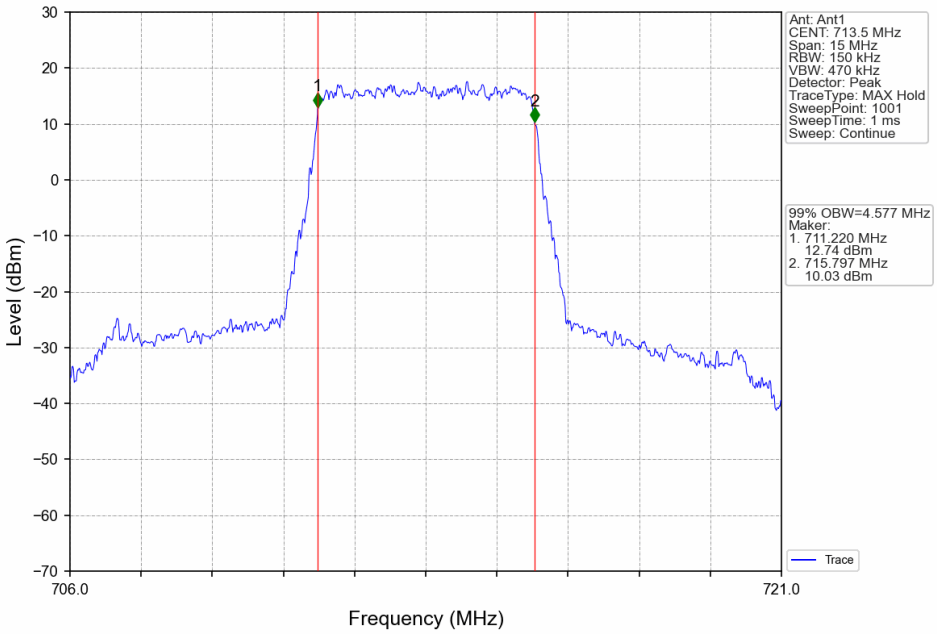
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



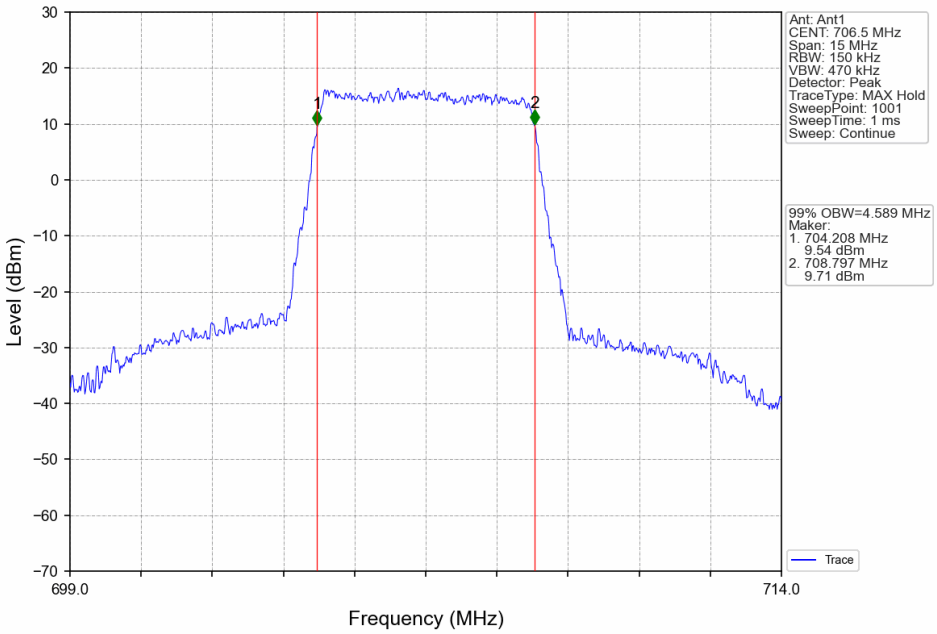
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



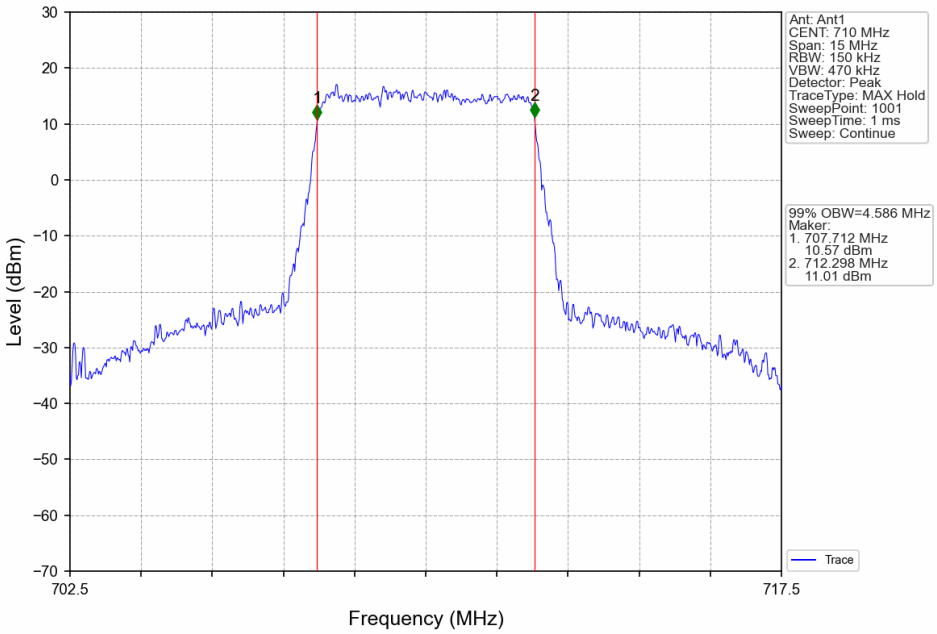
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



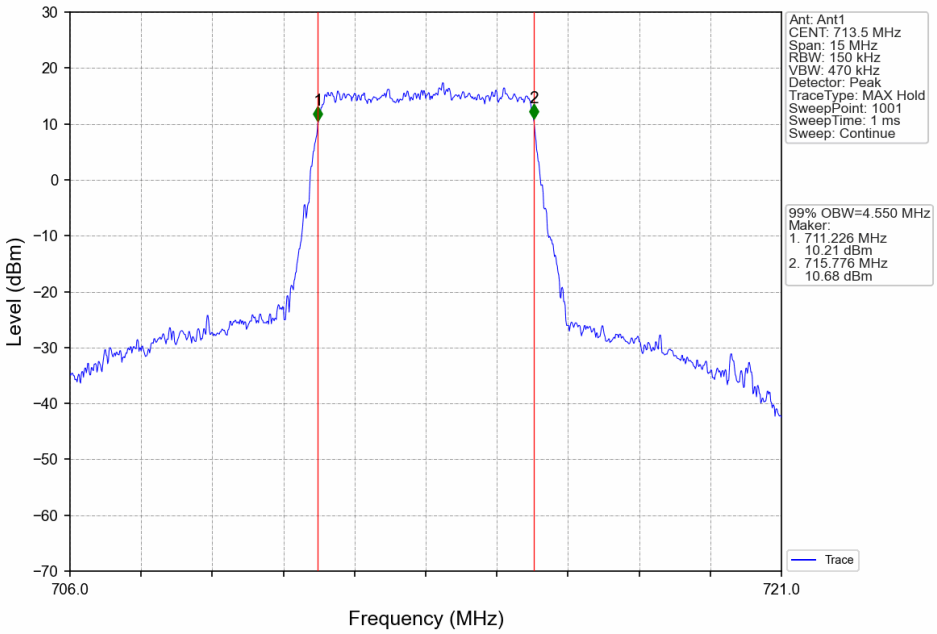
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



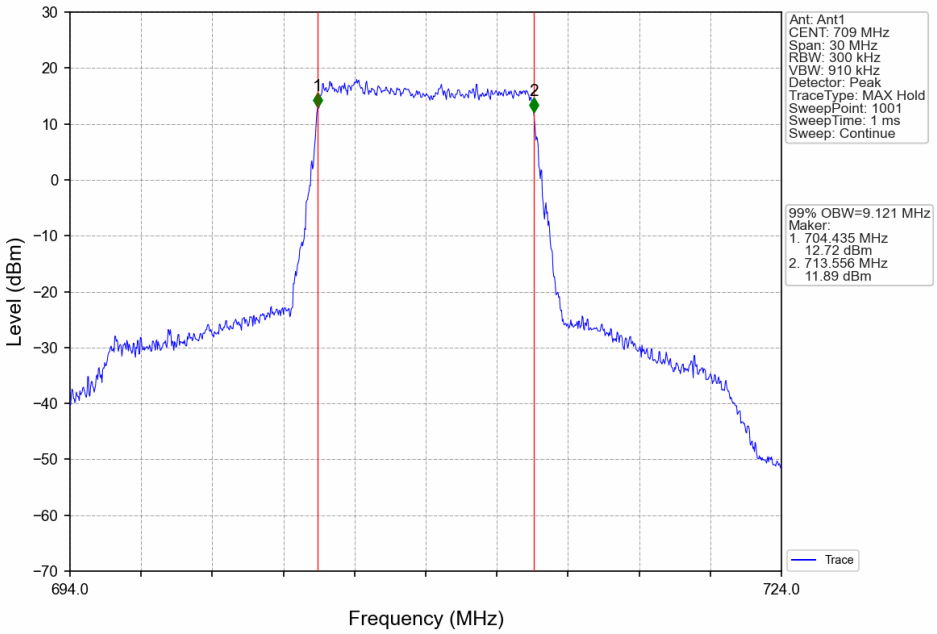
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



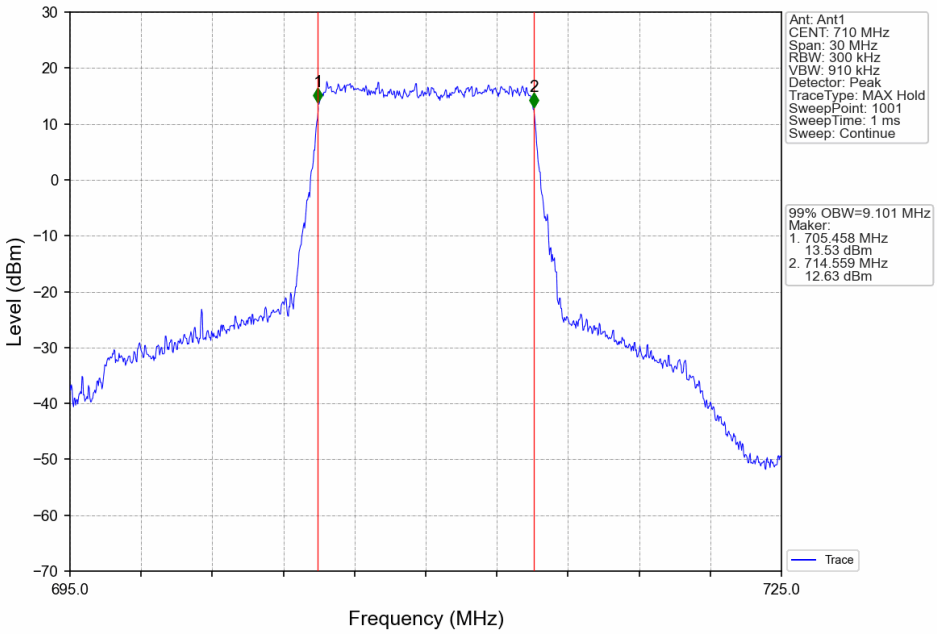
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



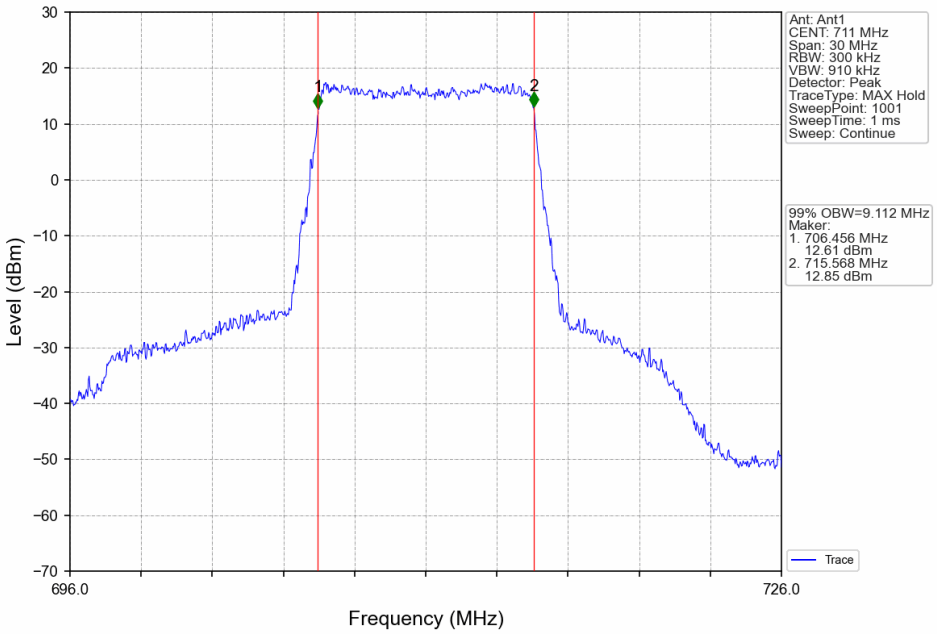
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



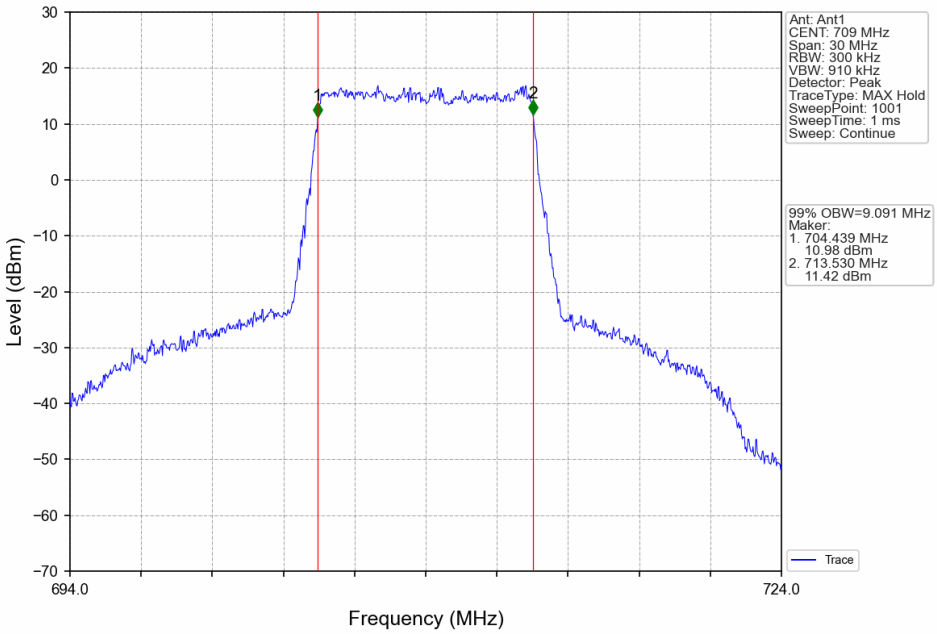
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



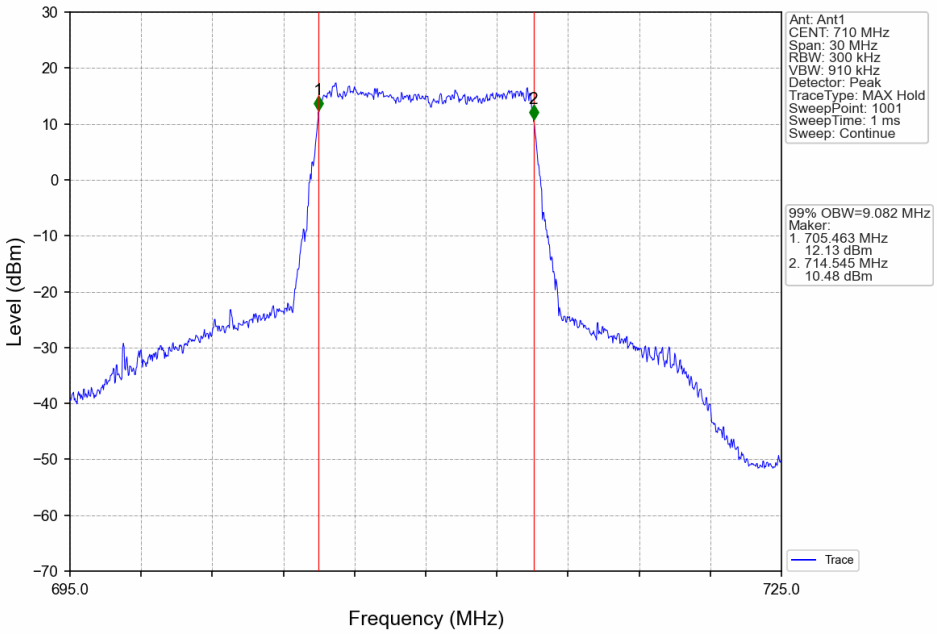
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



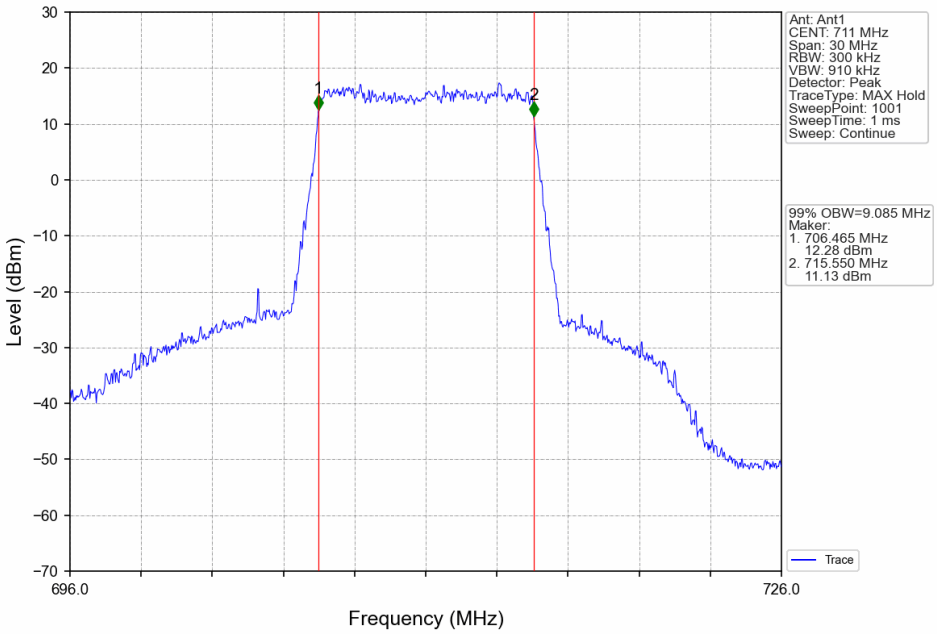
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



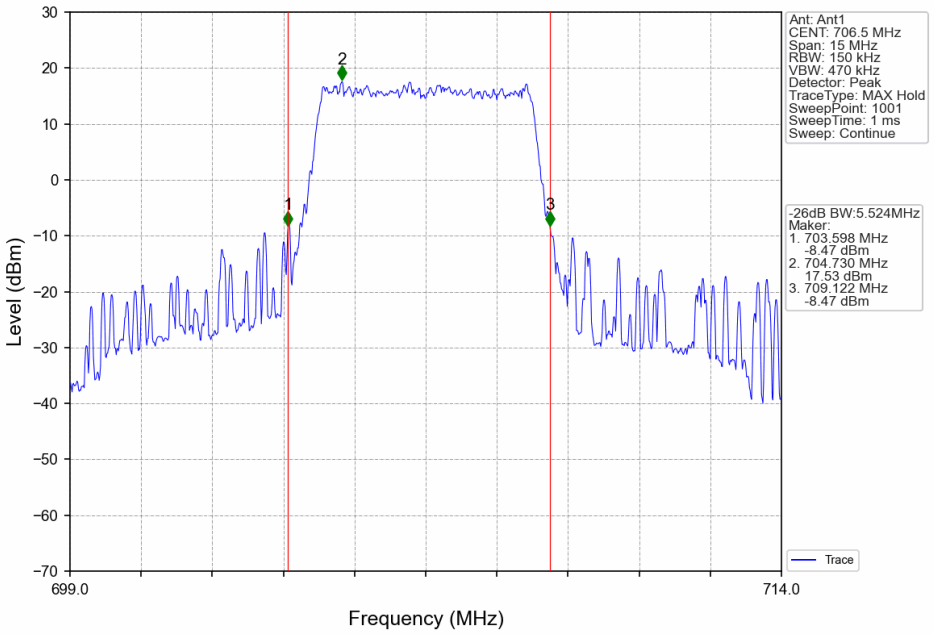
4.2 Band17_XDB

4.2.1 Test Result

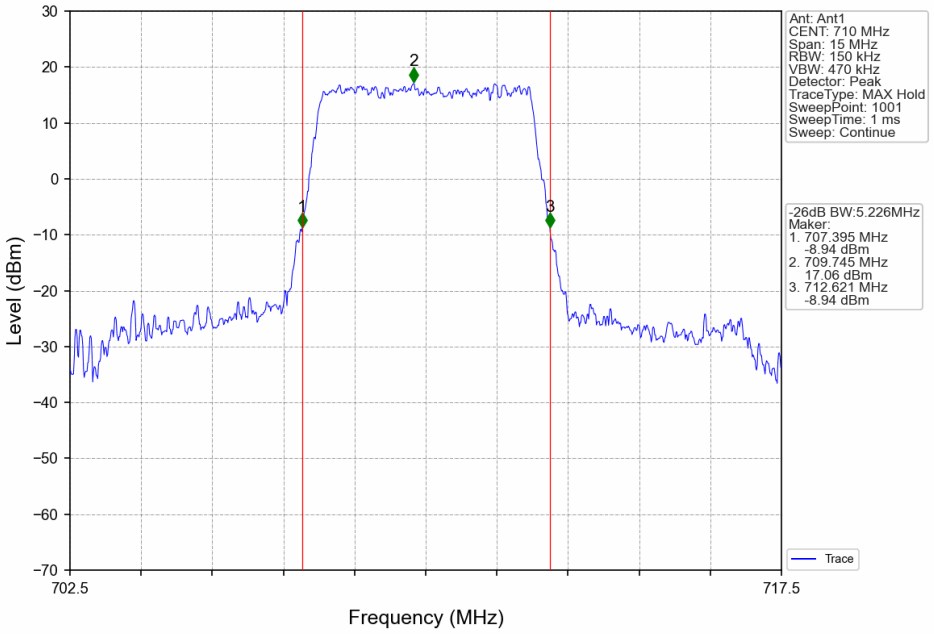
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.524	/	Pass
		710	25	0	5.226	/	Pass
		713.5	25	0	5.251	/	Pass
	16QAM	706.5	25	0	5.272	/	Pass
		710	25	0	5.286	/	Pass
		713.5	25	0	5.162	/	Pass
10	QPSK	709	50	0	10.275	/	Pass
		710	50	0	10.328	/	Pass
		711	50	0	10.437	/	Pass
	16QAM	709	50	0	10.307	/	Pass
		710	50	0	10.075	/	Pass
		711	50	0	10.359	/	Pass

4.2.2 Test Graph

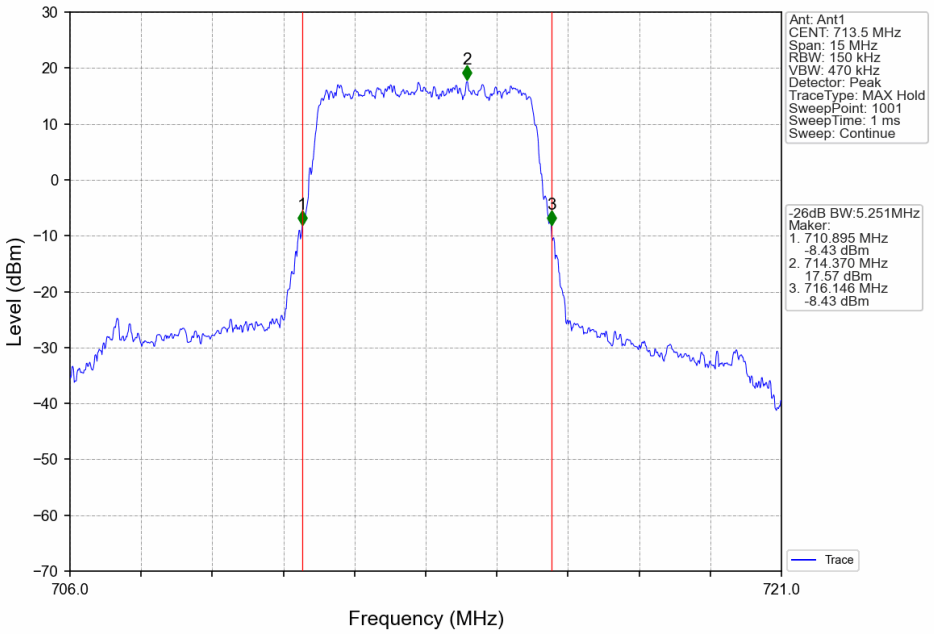
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



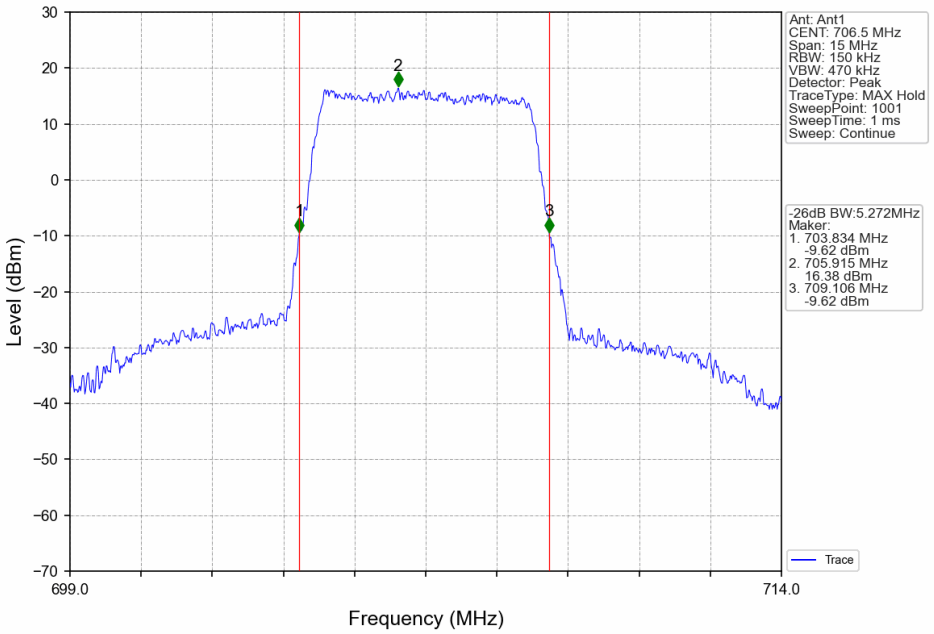
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



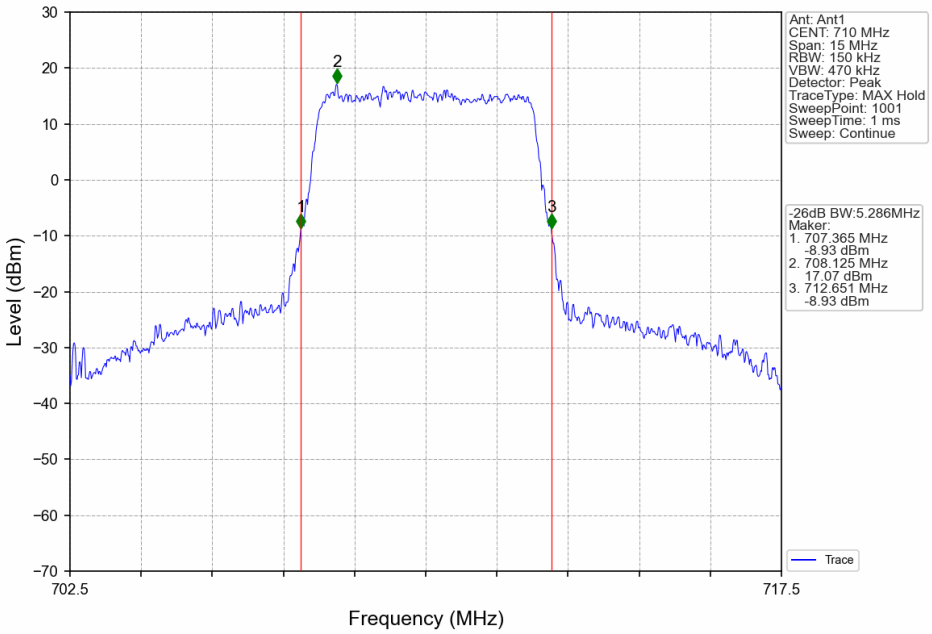
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



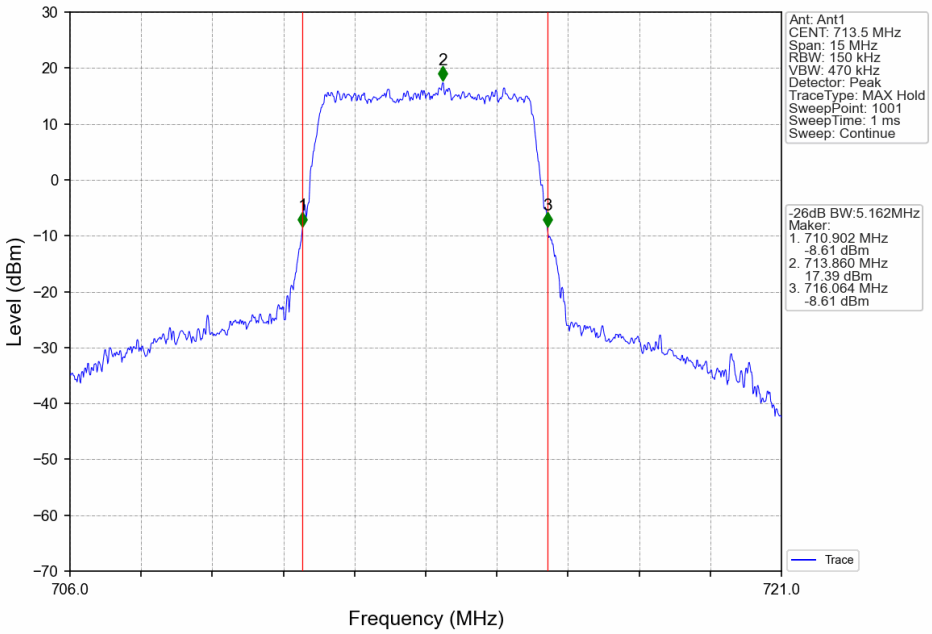
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



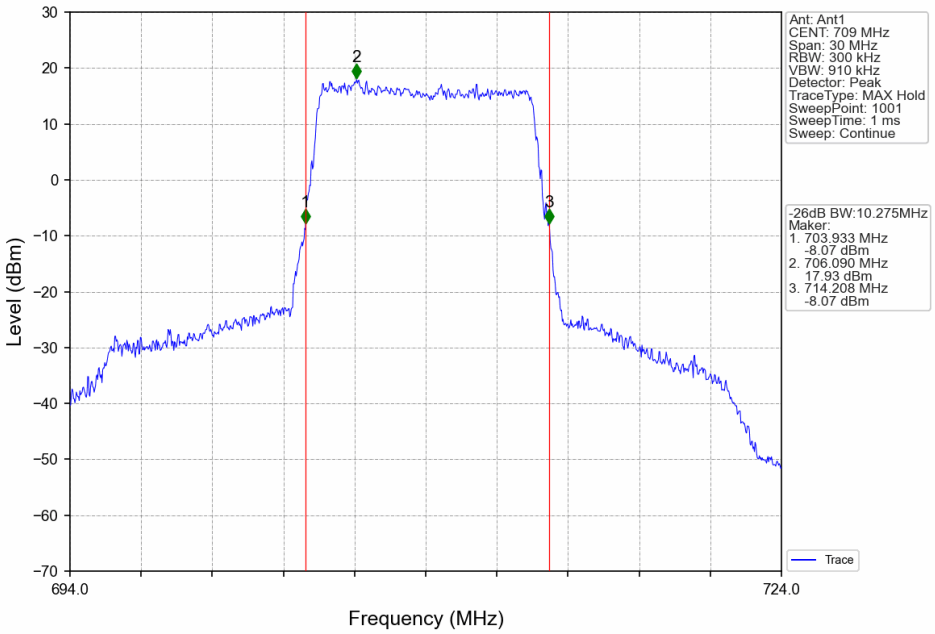
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



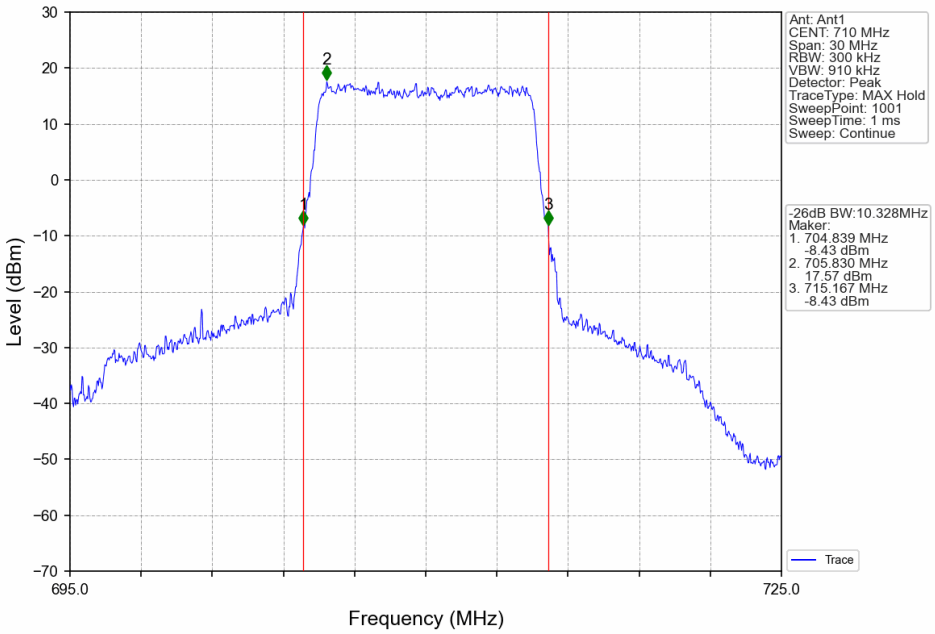
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



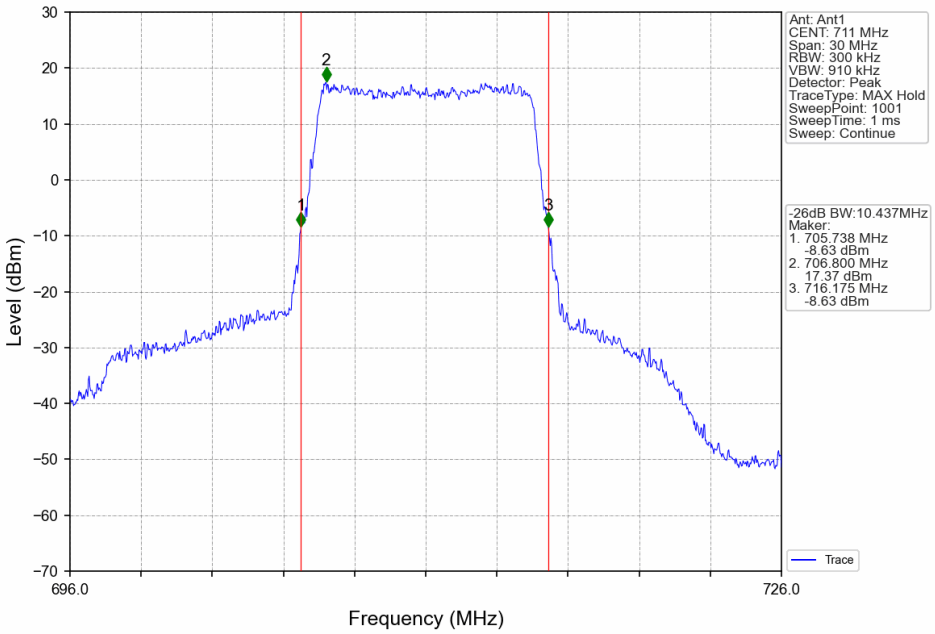
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



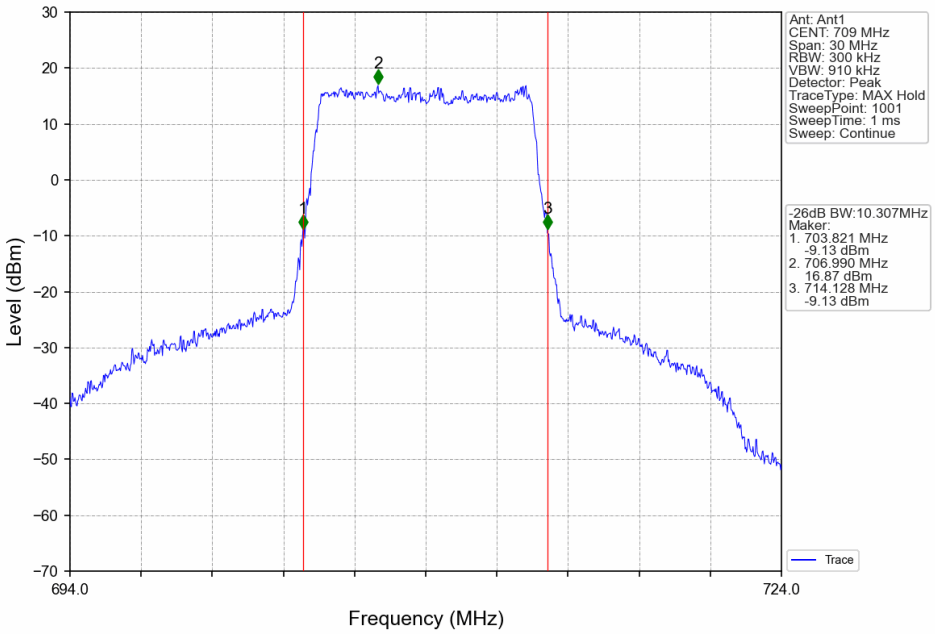
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



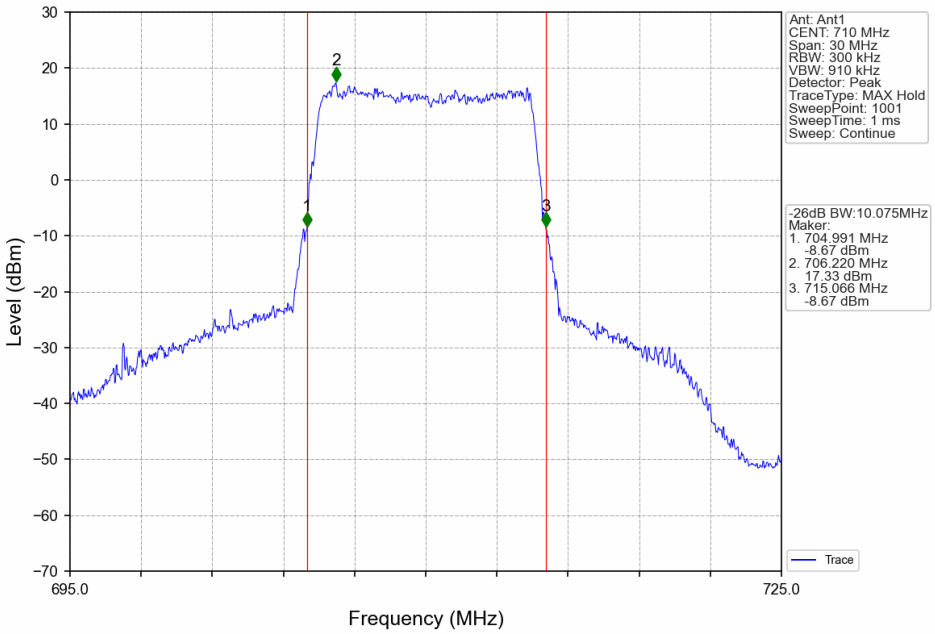
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



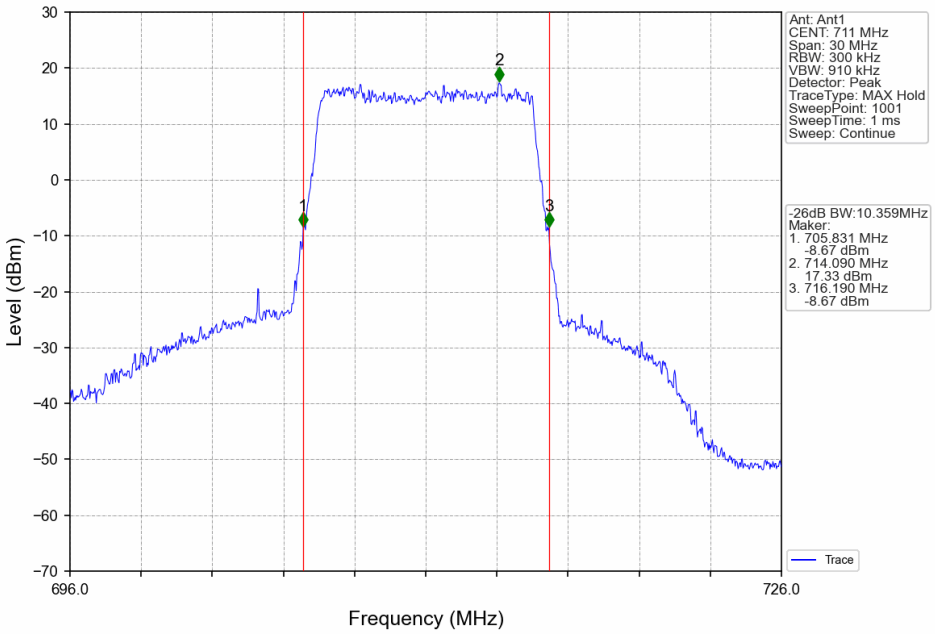
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

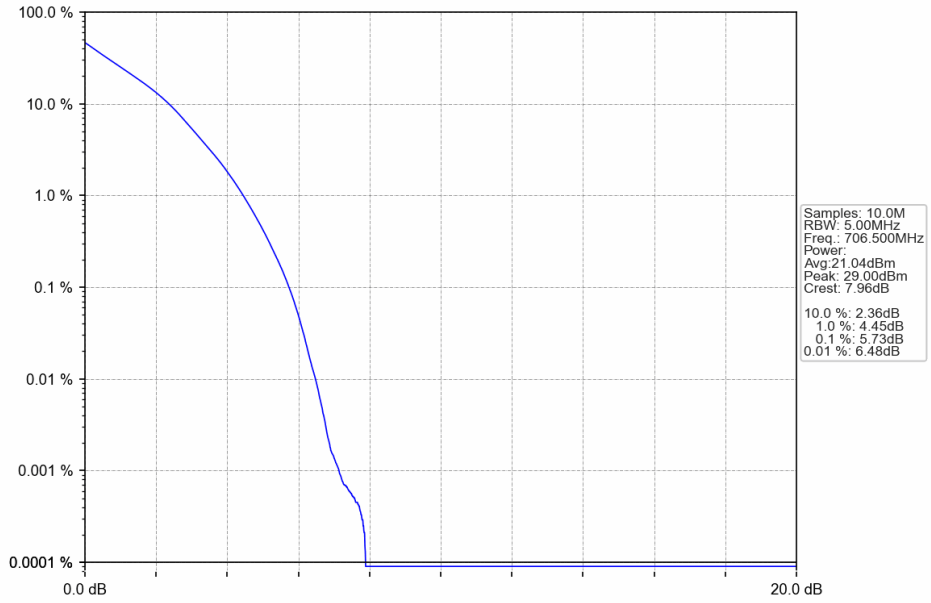
5.1 B17_5MHz

5.1.1 Test Result

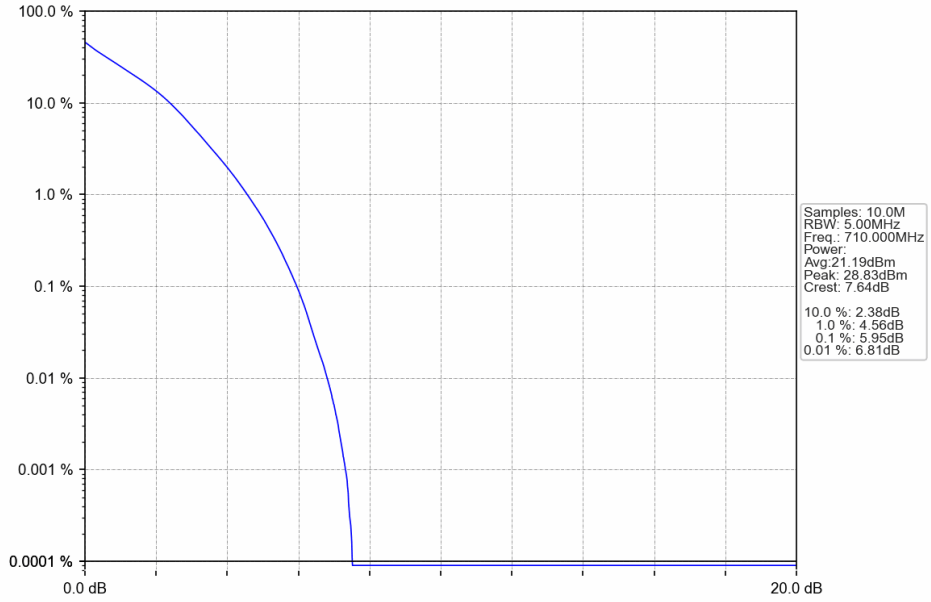
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.73	<=13	Pass
	710	25	0	5.95	<=13	Pass
	713.5	25	0	5.74	<=13	Pass
16QAM	706.5	25	0	6.38	<=13	Pass
	710	25	0	6.53	<=13	Pass
	713.5	25	0	6.45	<=13	Pass

5.1.2 Test Graph

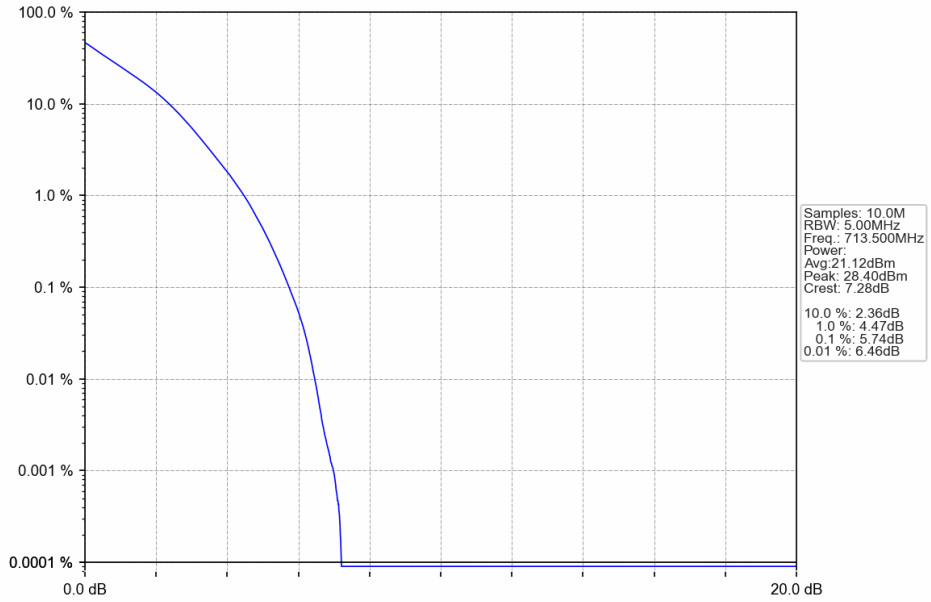
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



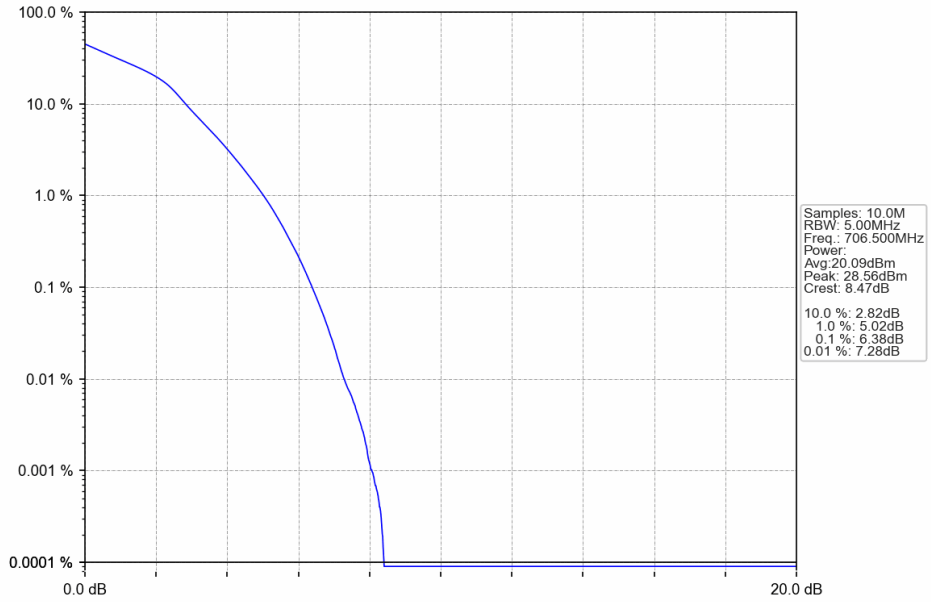
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



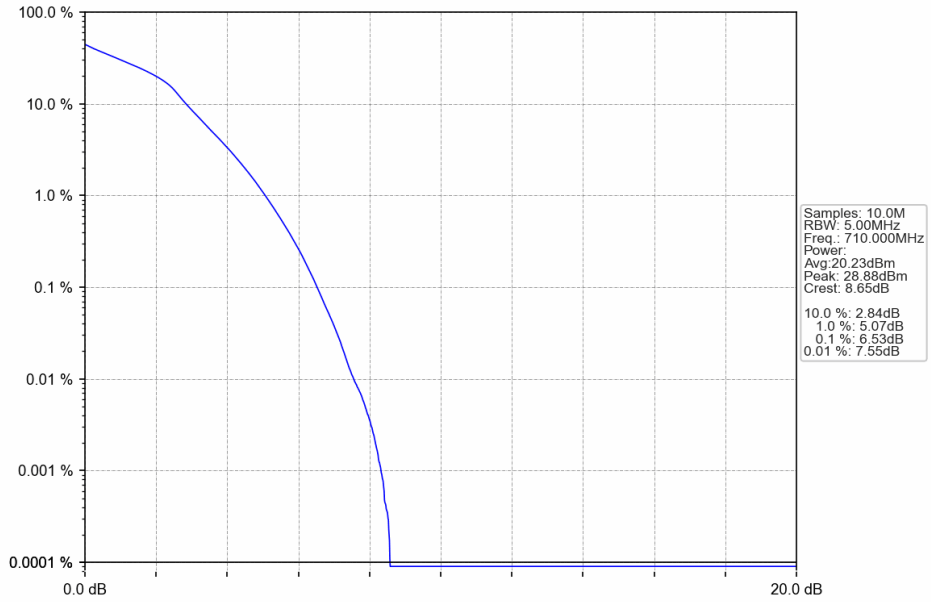
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



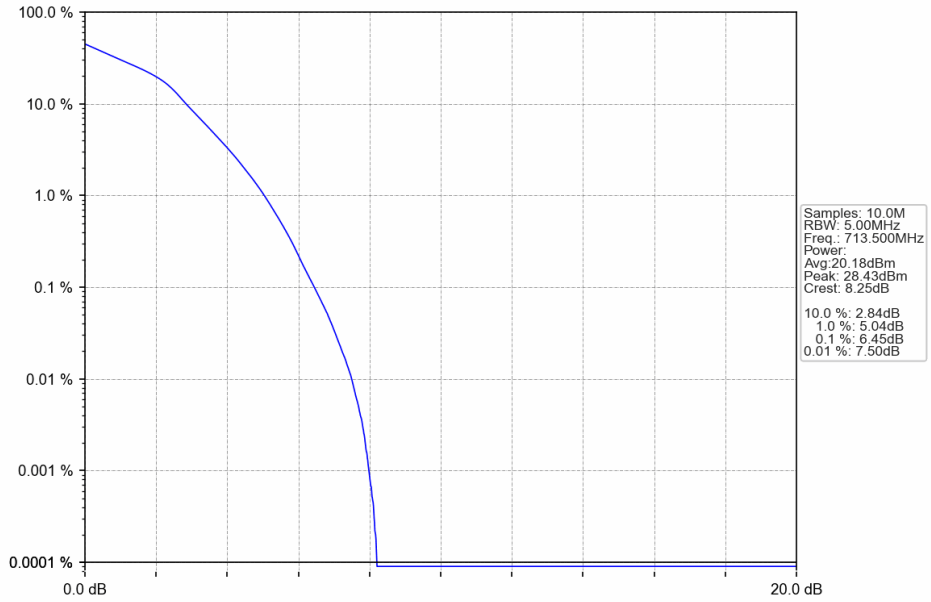
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



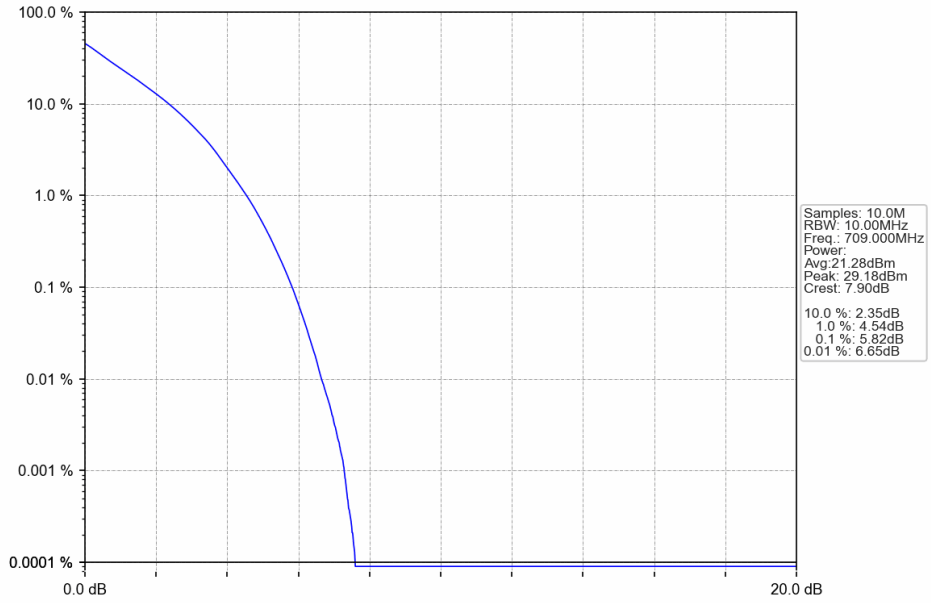
5.2 B17_10MHz

5.2.1 Test Result

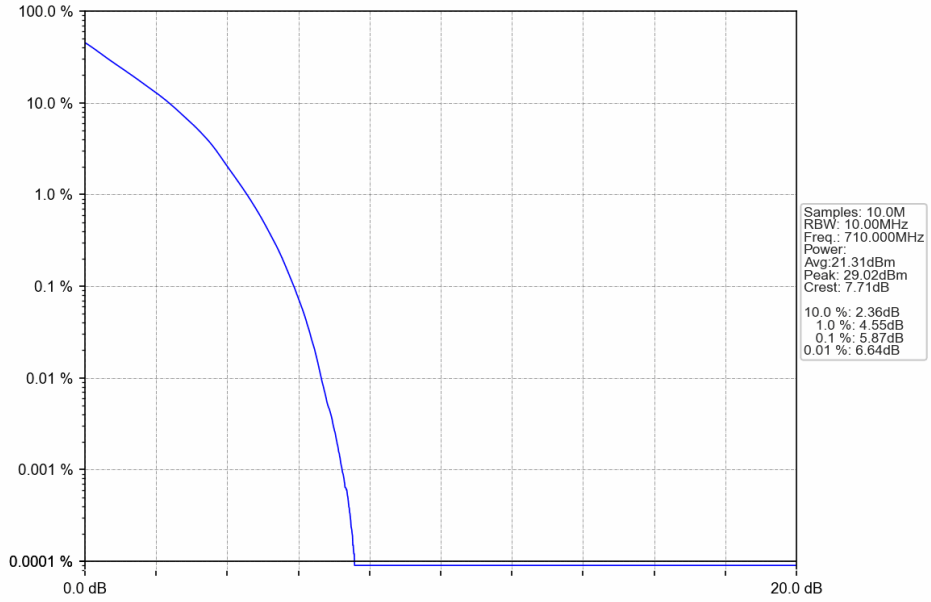
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.82	<=13	Pass
	710	50	0	5.87	<=13	Pass
	711	50	0	5.87	<=13	Pass
16QAM	709	50	0	6.52	<=13	Pass
	710	50	0	6.56	<=13	Pass
	711	50	0	6.52	<=13	Pass

5.2.2 Test Graph

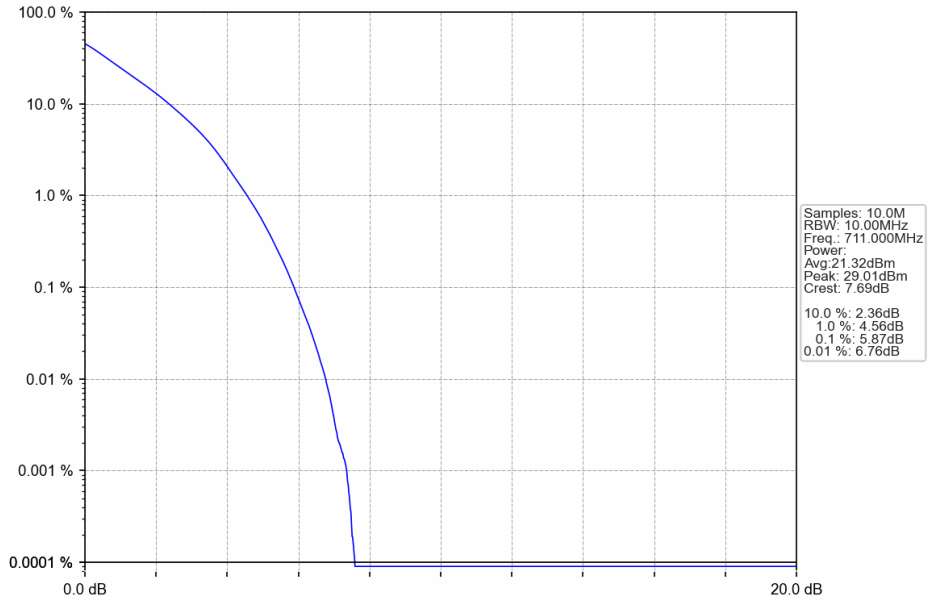
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



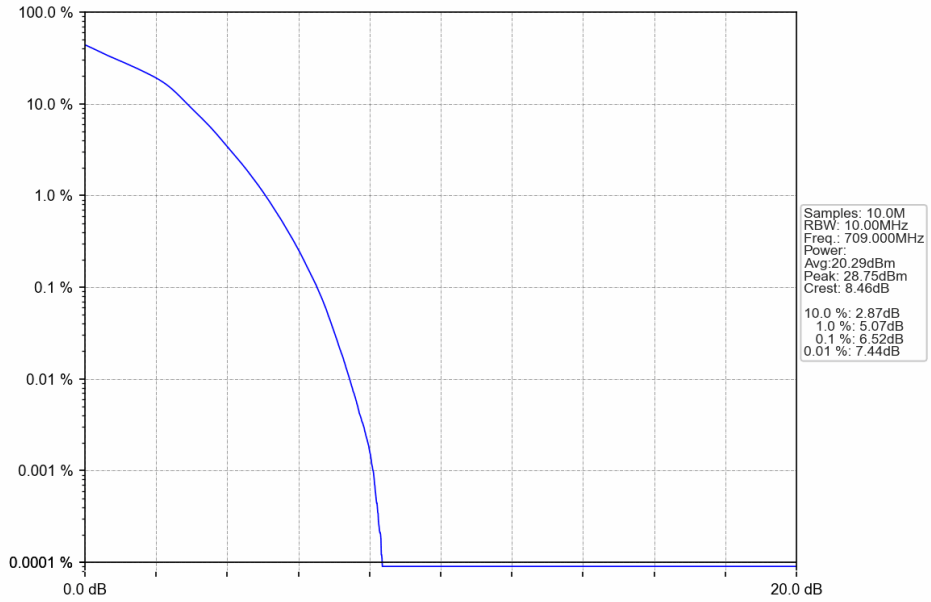
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



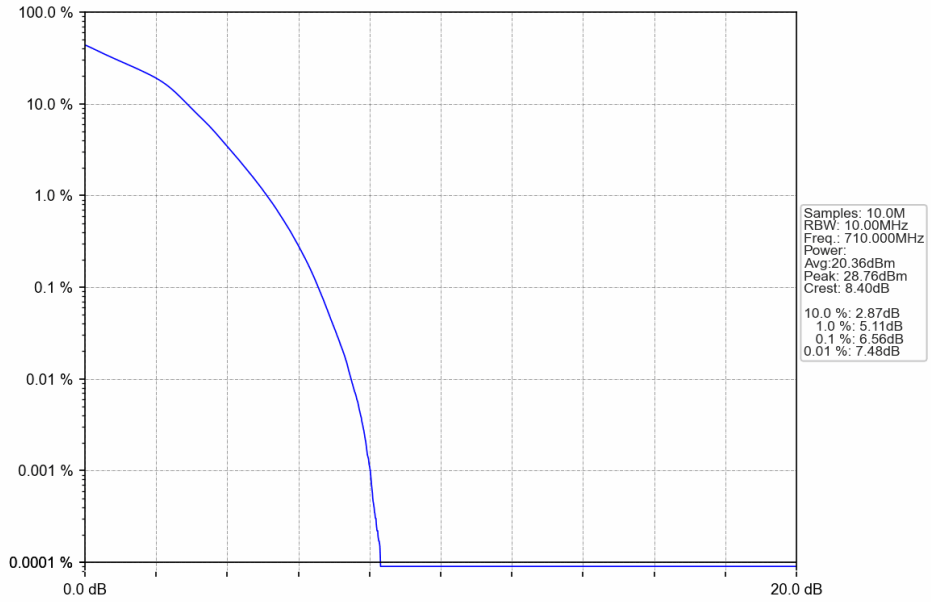
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



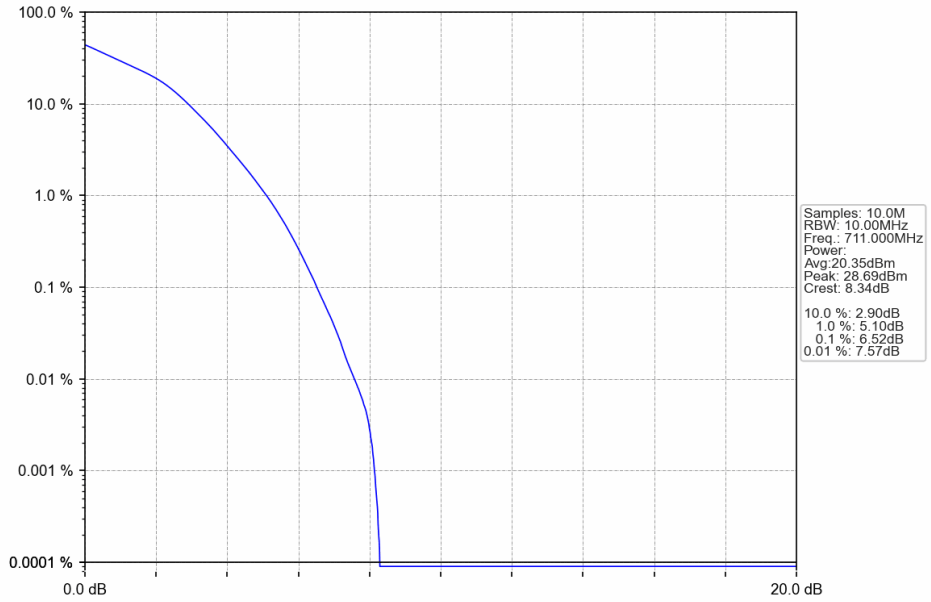
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

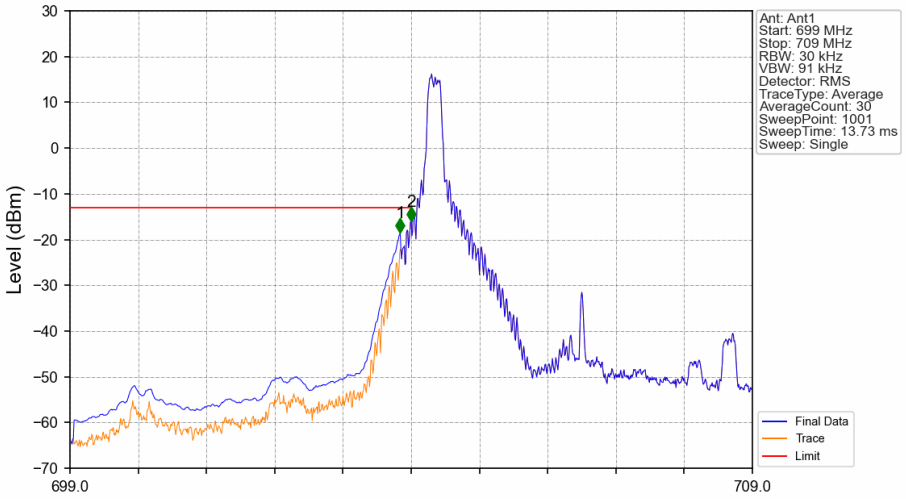
6.1 B17_5MHz

6.1.1 Test Result

Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

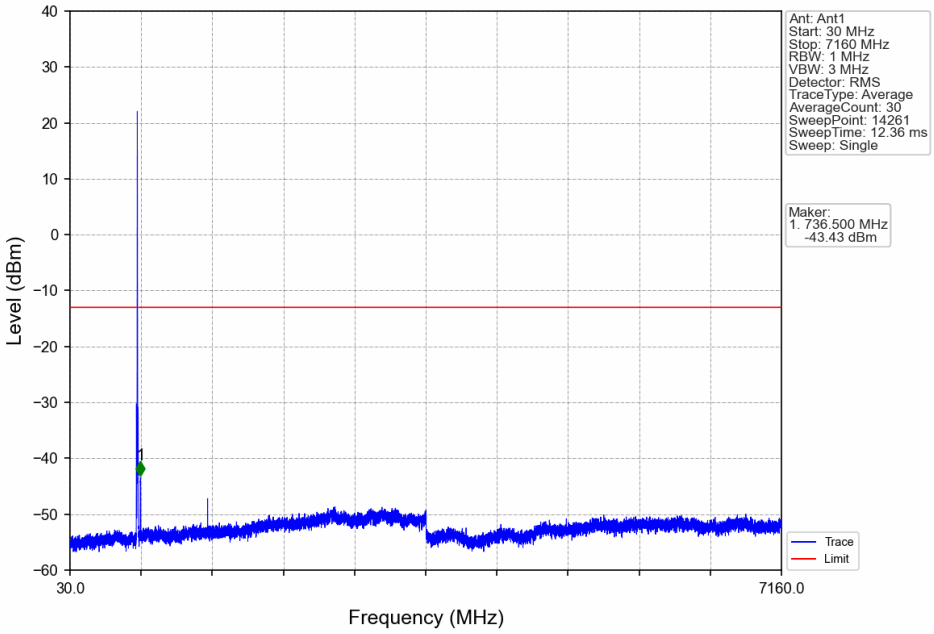
6.1.2 Test Graph

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

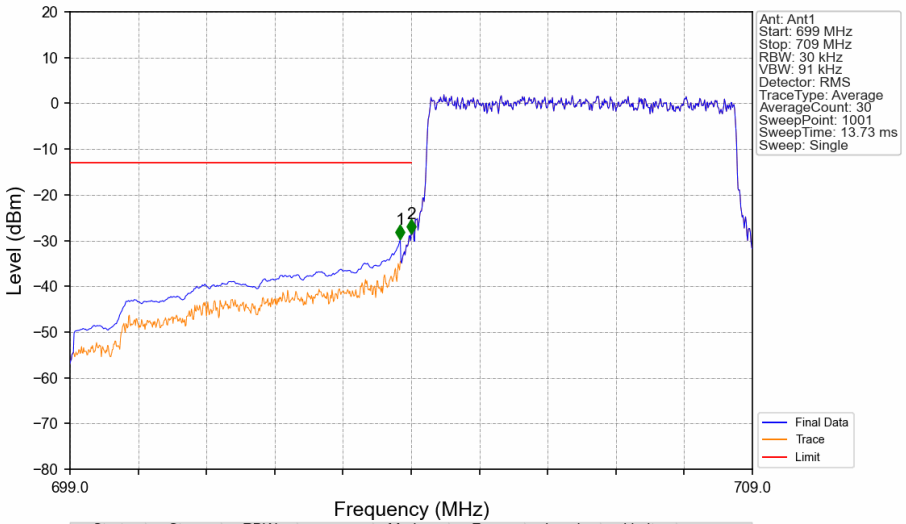


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-18.54	-13	Pass
703.9	704	0.03	/	2	704.000	-15.99	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

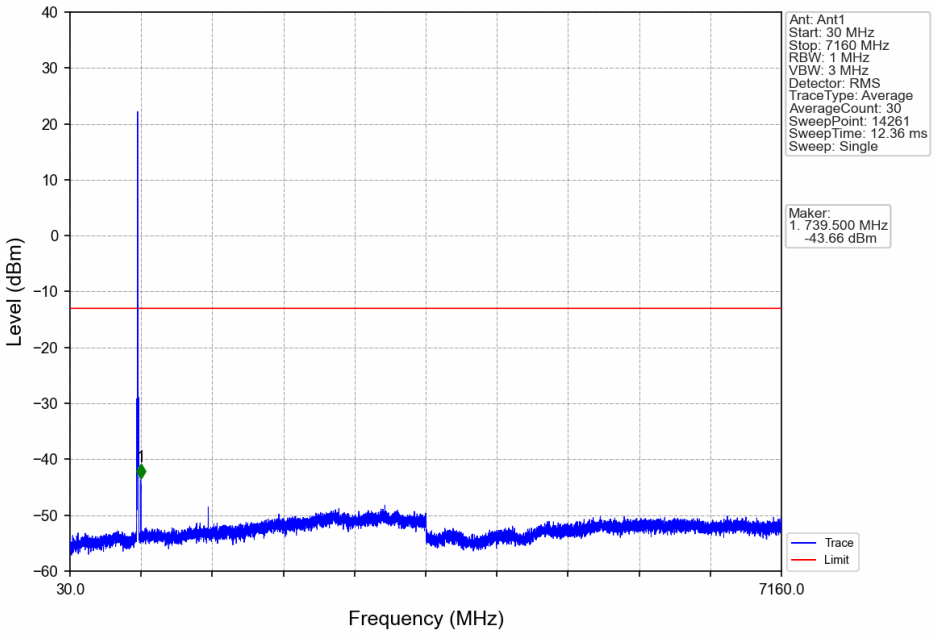


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

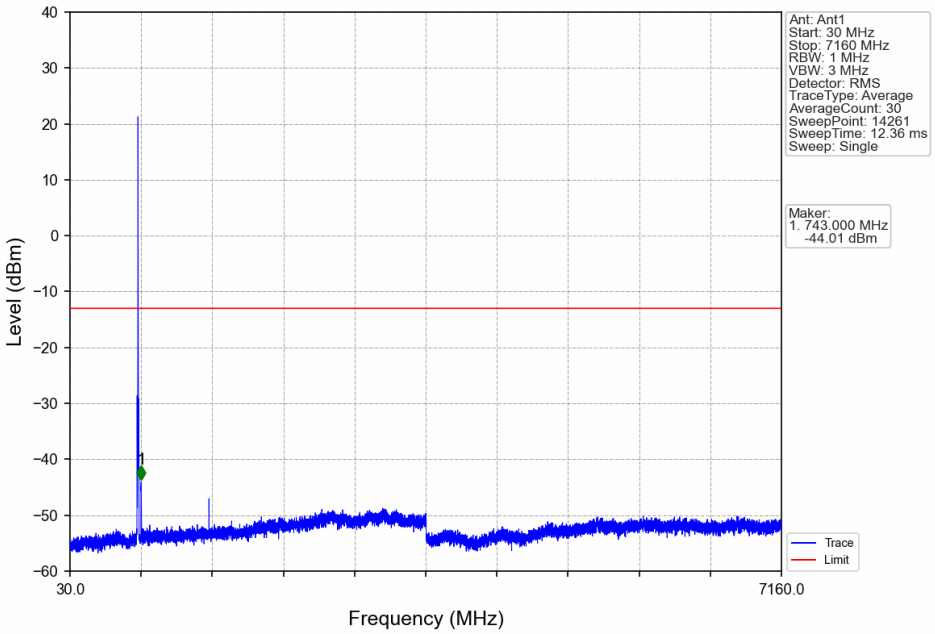


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-29.77	-13	Pass
703.9	704	0.03	/	2	704.000	-28.45	-13	Pass
704	709	0.03	/	/	/	/	/	/

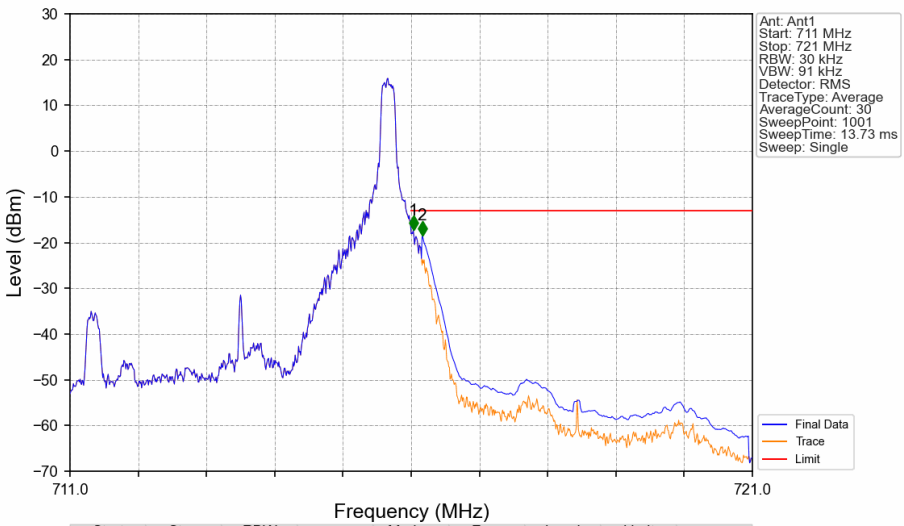
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

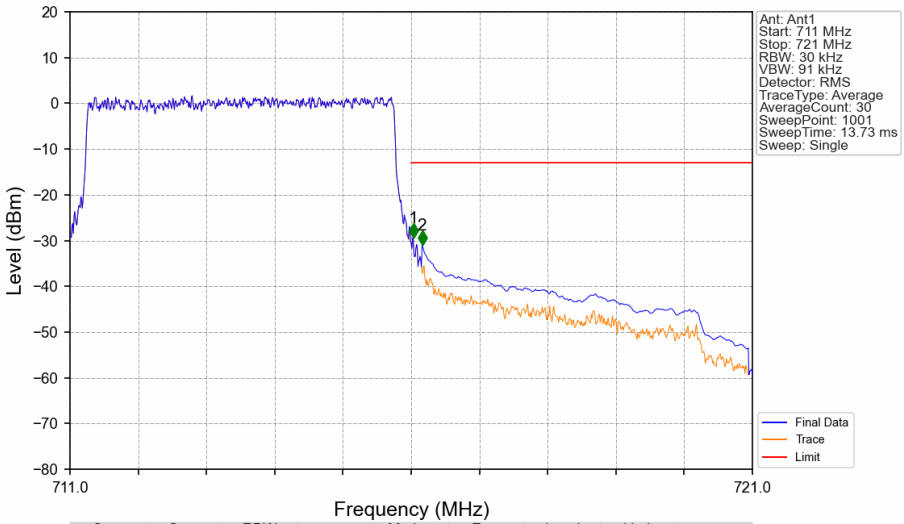


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



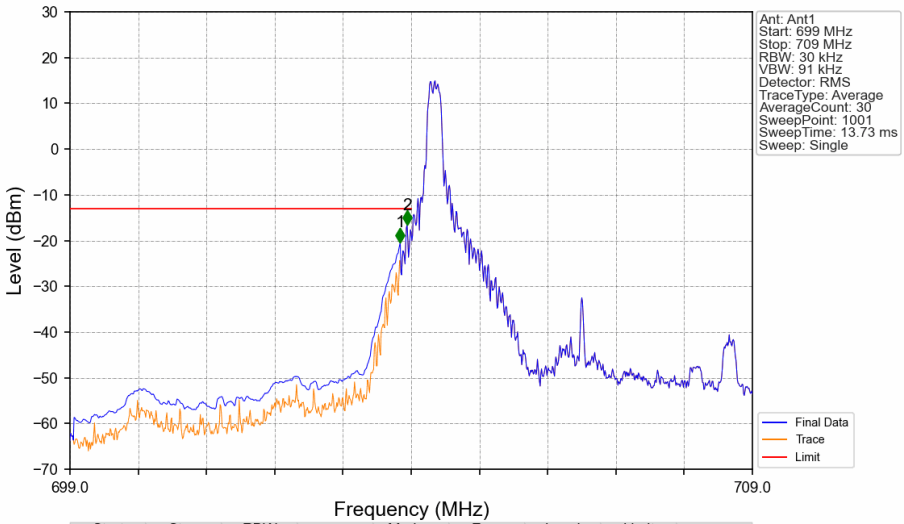
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-17.32	-13	Pass
716.1	721	0.1	CHP	2	716.160	-18.42	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



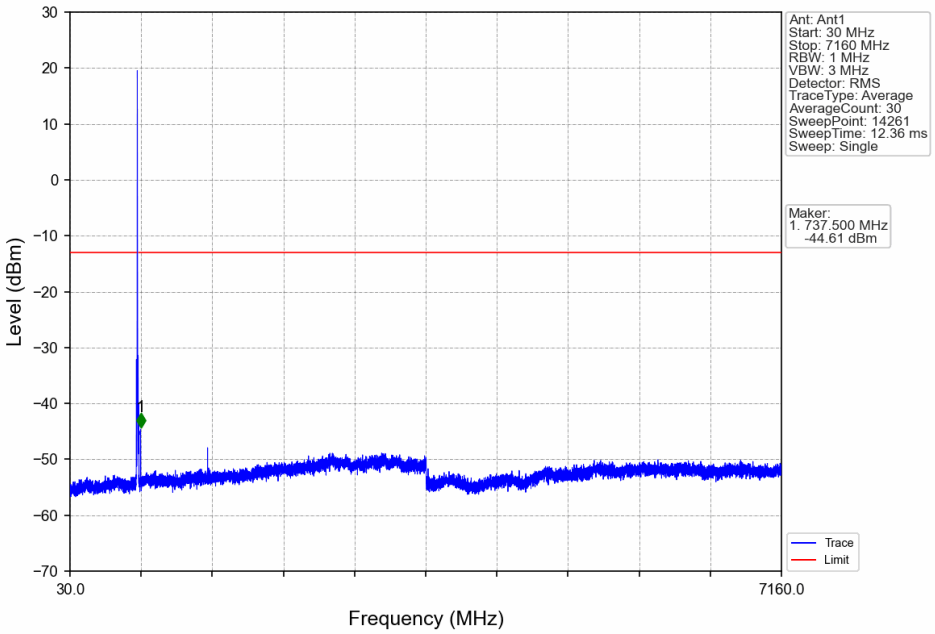
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-29.42	-13	Pass
716.1	721	0.1	CHP	2	716.160	-30.96	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

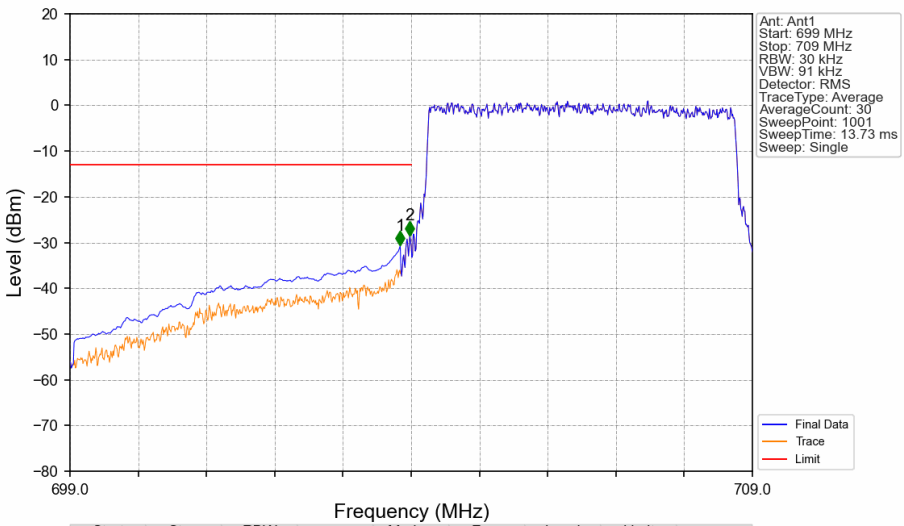


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-20.36	-13	Pass
703.9	704	0.03	/	2	703.940	-16.62	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

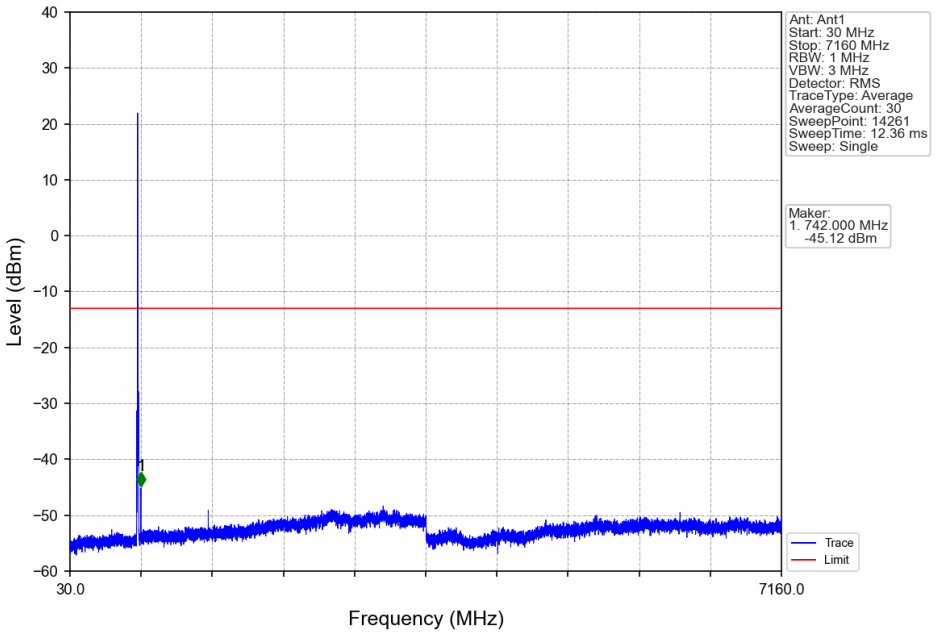


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

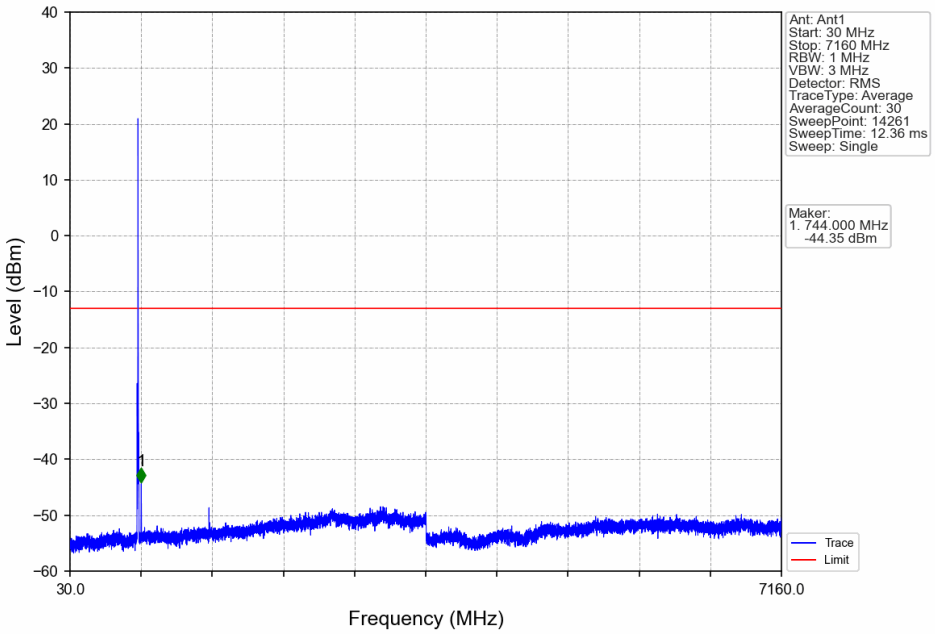


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-30.69	-13	Pass
703.9	704	0.03	/	2	703.980	-28.41	-13	Pass
704	709	0.03	/	/	/	/	/	/

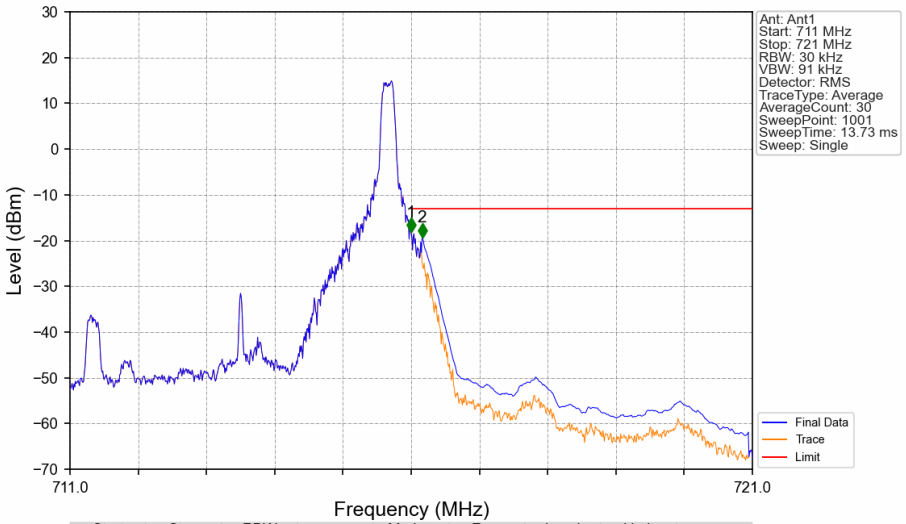
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

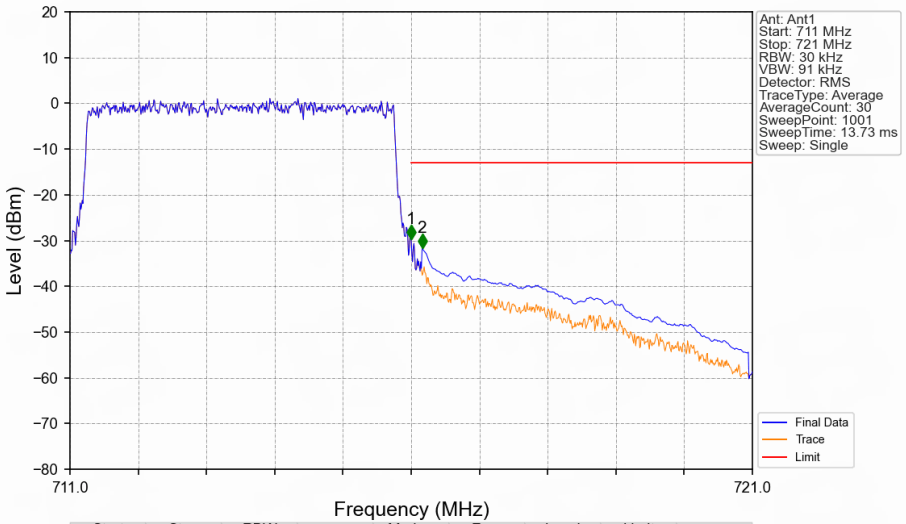


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-18.19	-13	Pass
716.1	721	0.1	CHP	2	716.160	-19.29	-13	Pass

Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.000	-29.66	-13	Pass
716.1	721	0.1	CHP	2	716.160	-31.58	-13	Pass

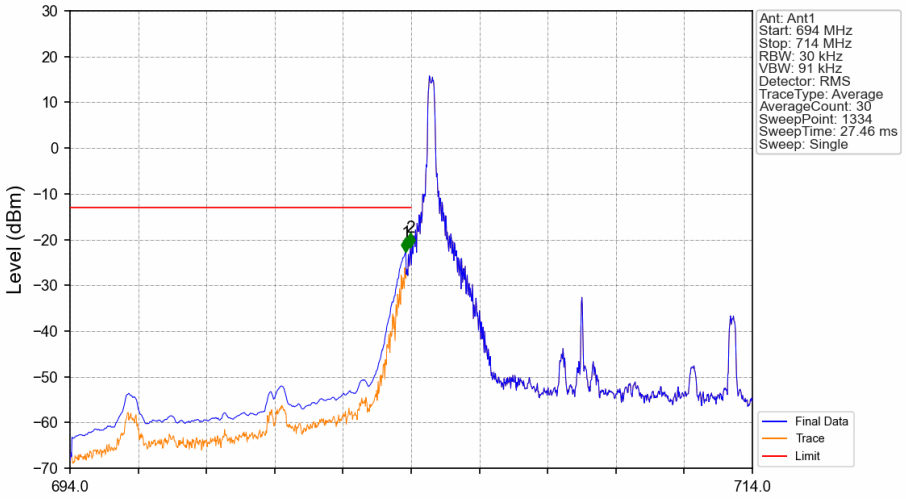
6.2 B17_10MHz

6.2.1 Test Result

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

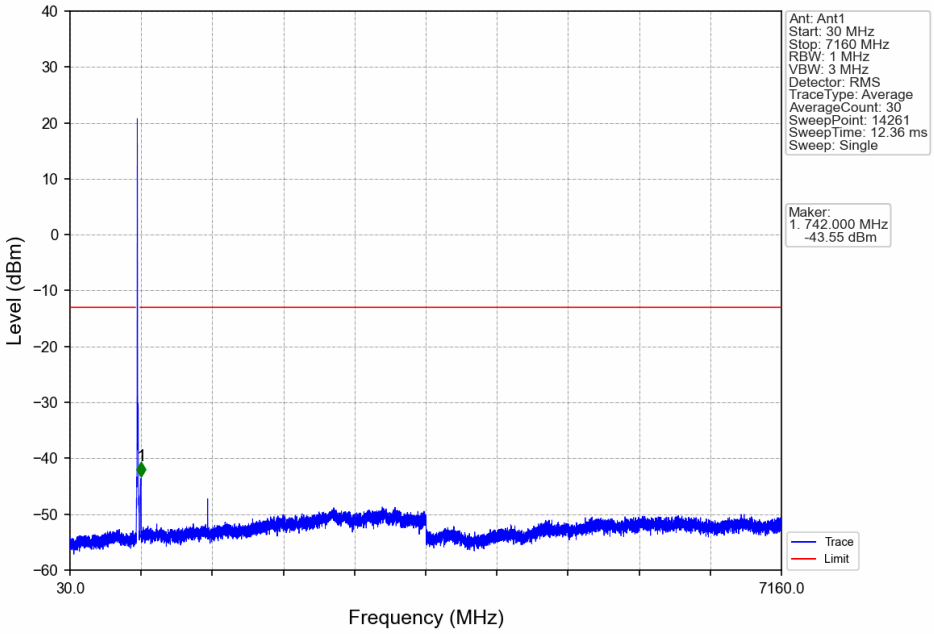
6.2.2 Test Graph

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

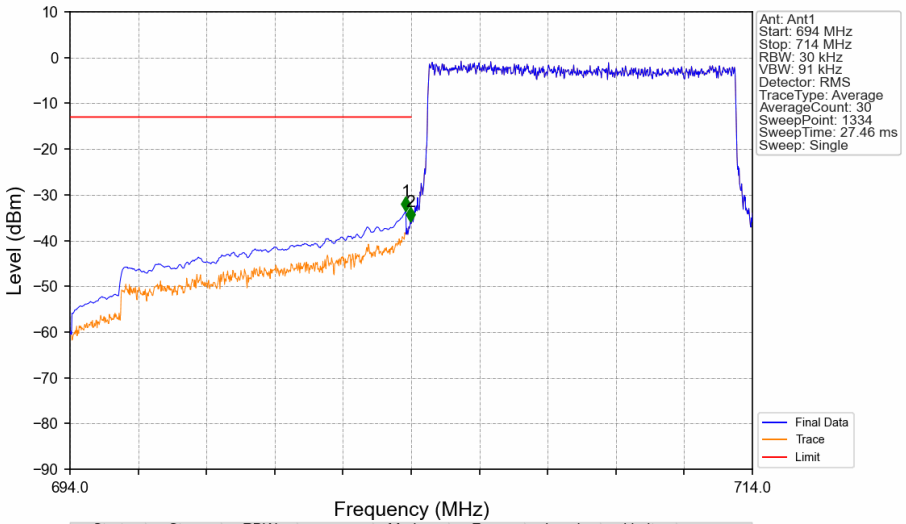


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-22.72	-13	Pass
703.9	704	0.03	/	2	703.977	-21.68	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

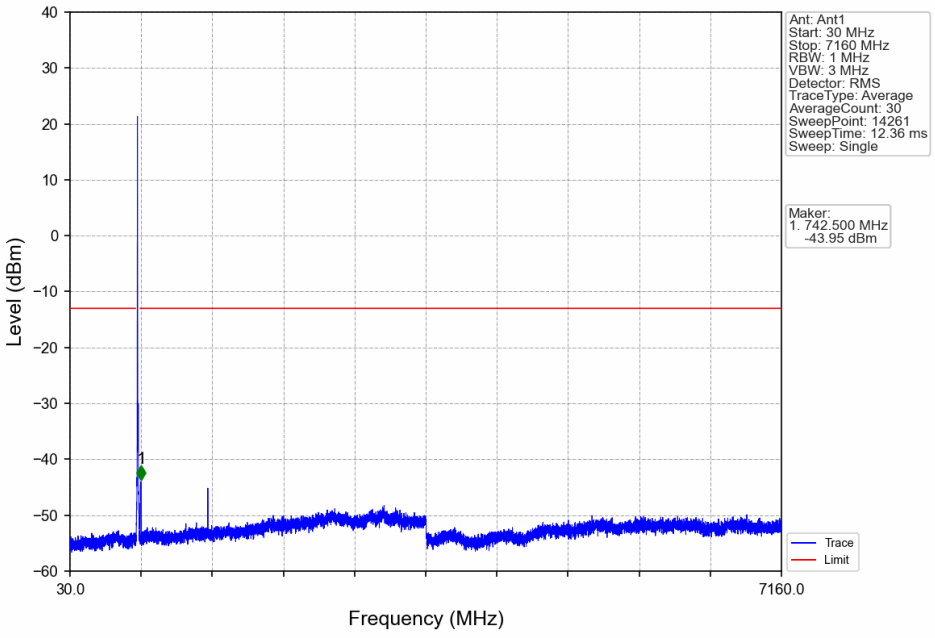


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

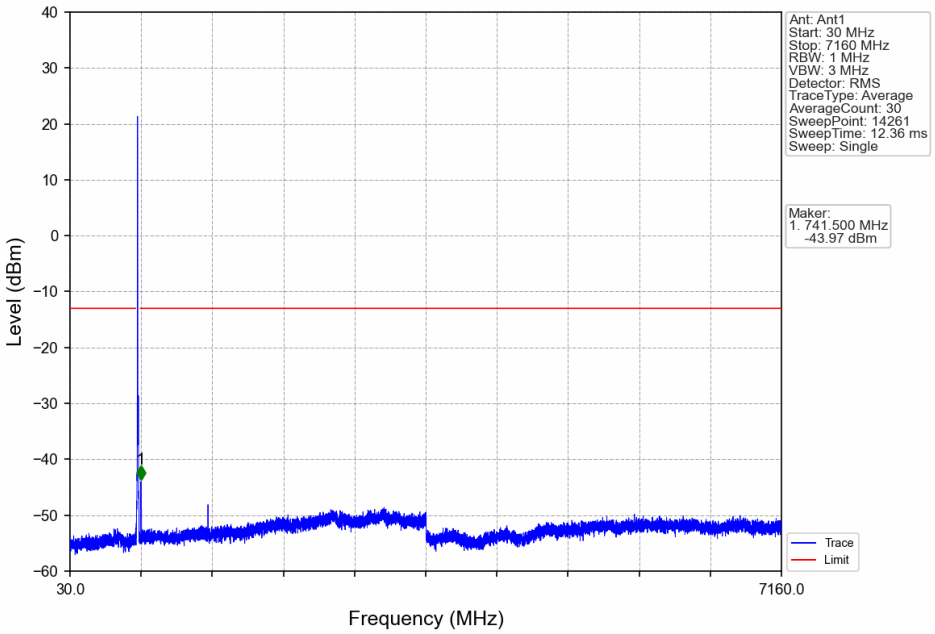


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-33.57	-13	Pass
703.9	704	0.03	/	2	703.977	-35.87	-13	Pass
704	714	0.03	/	/	/	/	/	/

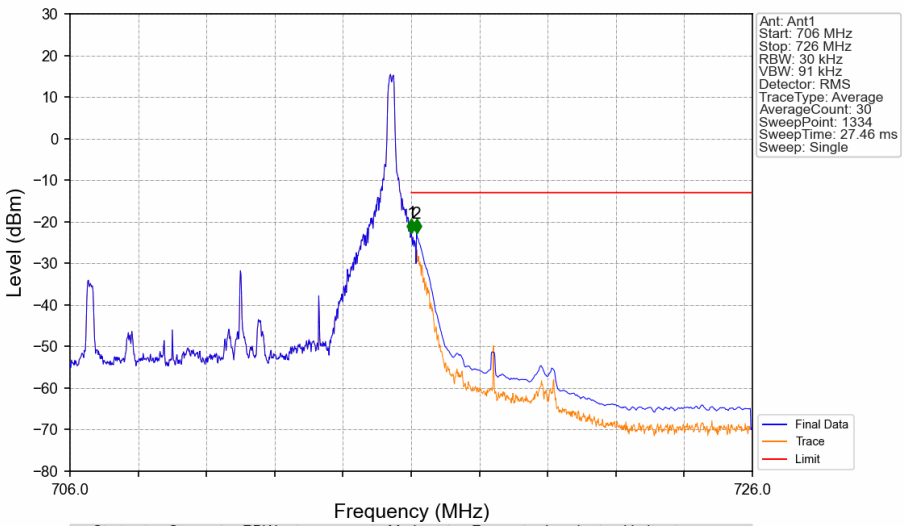
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

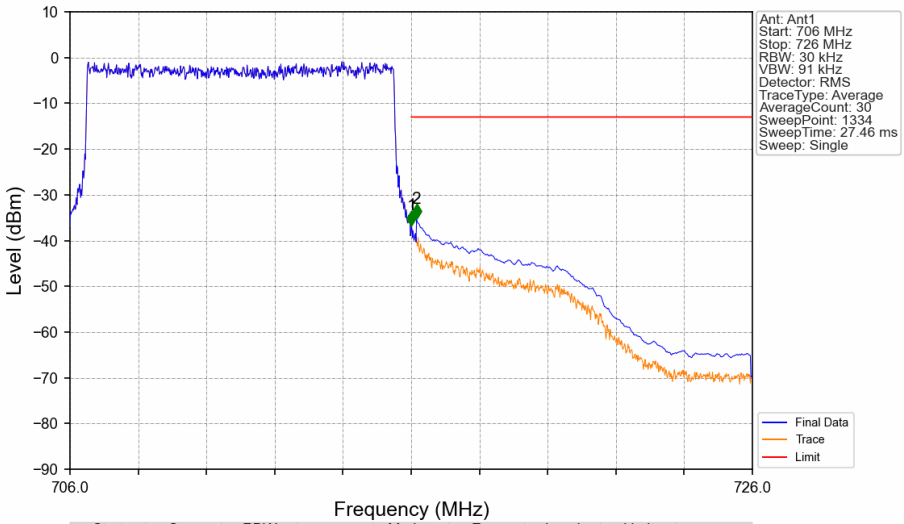


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



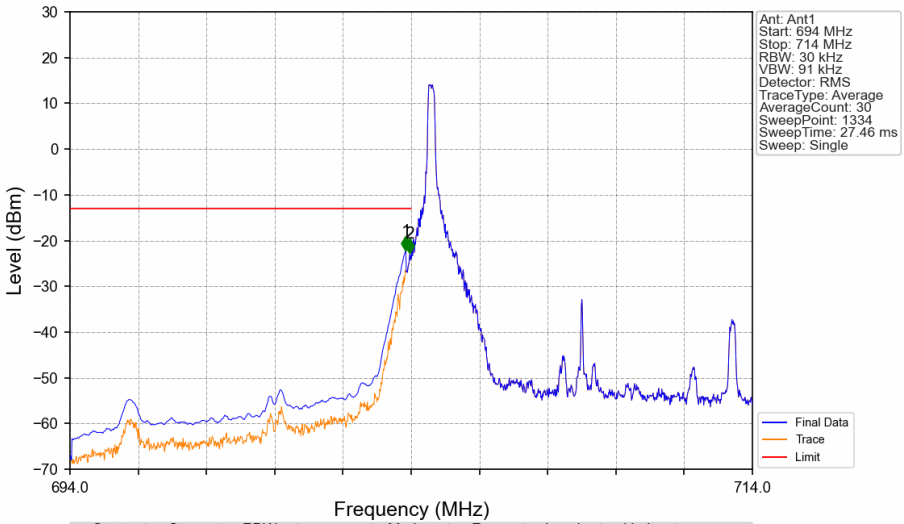
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-22.68	-13	Pass
716.1	726	0.1	CHP	2	716.158	-22.84	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



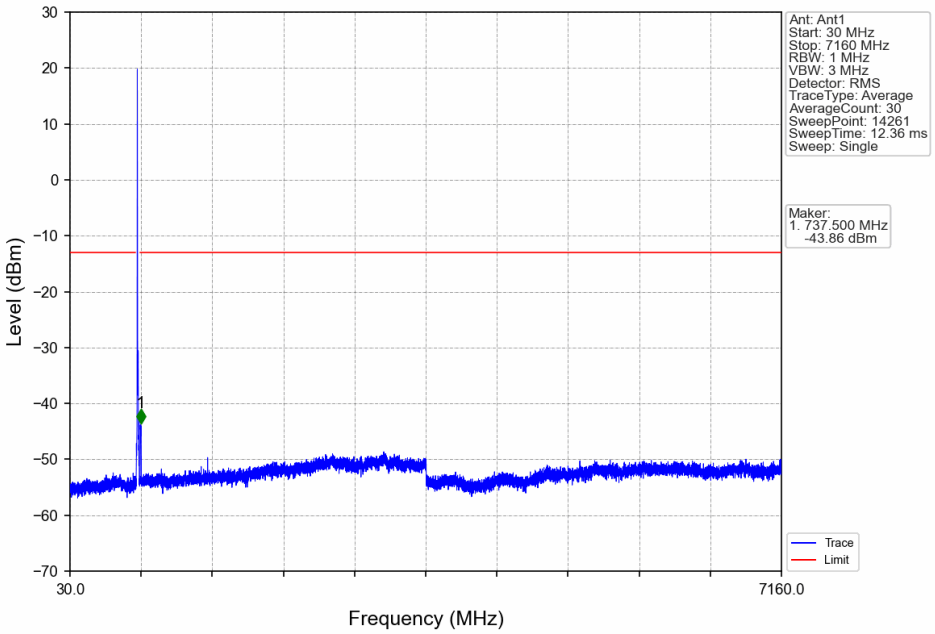
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-36.66	-13	Pass
716.1	726	0.1	CHP	2	716.158	-35.20	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

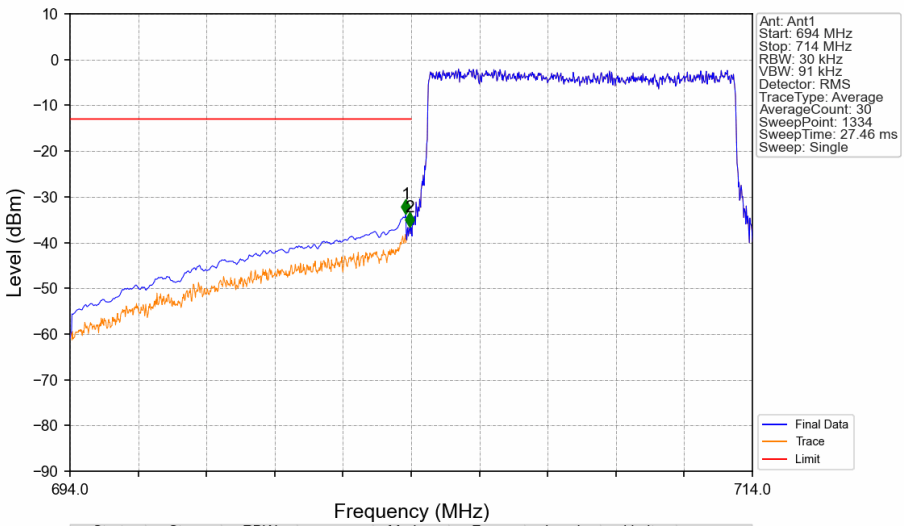


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-22.25	-13	Pass
703.9	704	0.03	/	2	703.962	-22.76	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

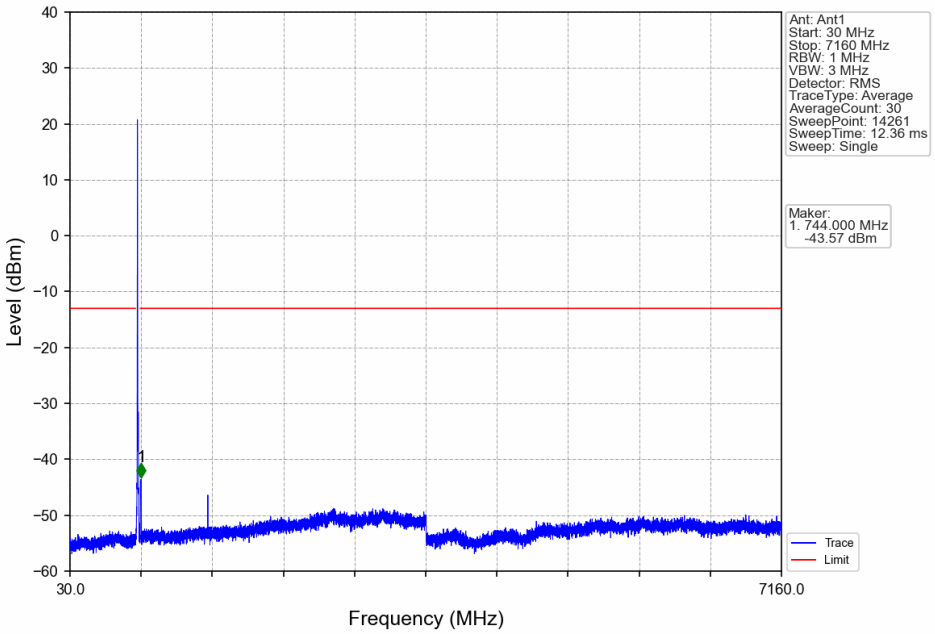


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

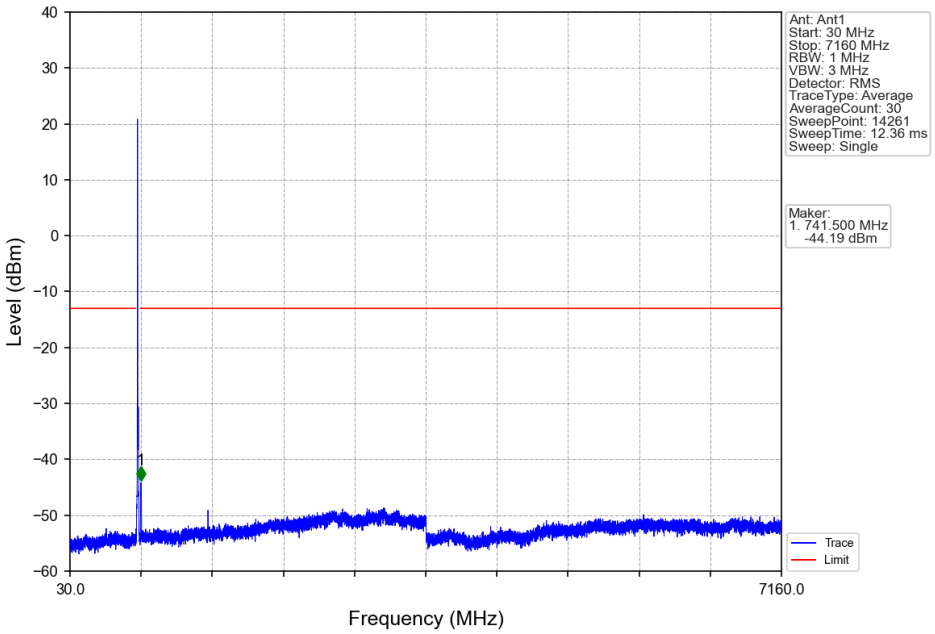


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-33.71	-13	Pass
703.9	704	0.03	/	2	703.962	-36.64	-13	Pass
704	714	0.03	/	/	/	/	/	/

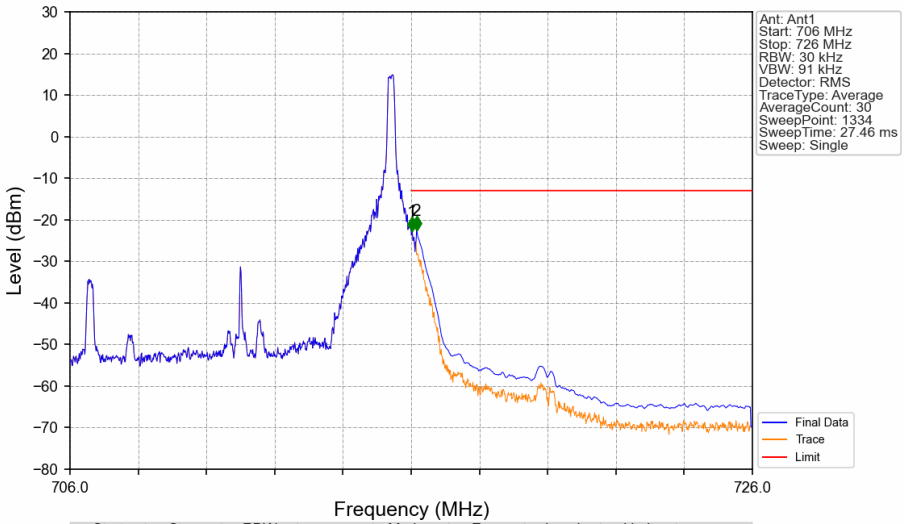
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

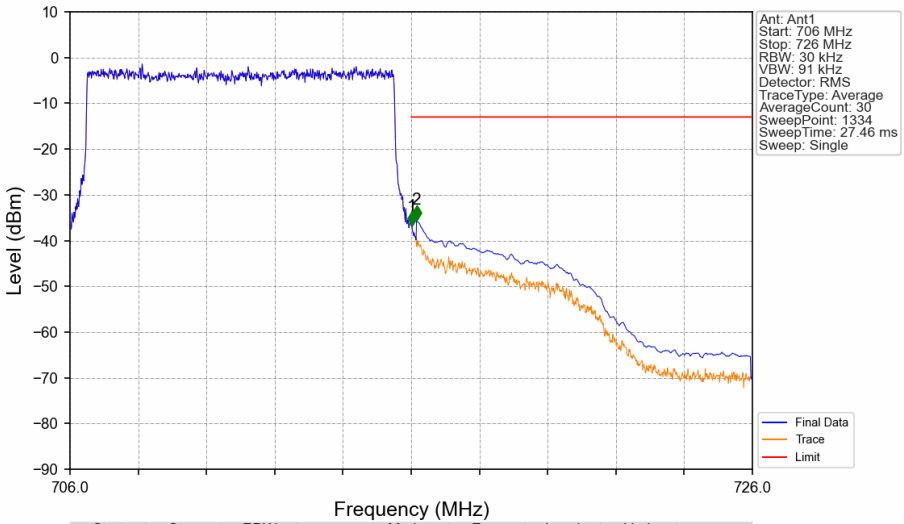


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-22.82	-13	Pass
716.1	726	0.1	CHP	2	716.158	-22.64	-13	Pass

Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-36.72	-13	Pass
716.1	726	0.1	CHP	2	716.158	-35.43	-13	Pass

7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
17	5	706.5	713.5	0.1858	0.0143	ppm	4M58G7D	27H	22.69
17	5	706.5	713.5	0.1435	0.0165	ppm	4M59W7D	27H	21.57
17	10	709	711	0.1714	0.0137	ppm	9M12G7D	27H	22.34
17	10	709	711	0.1570	0.0144	ppm	9M09W7D	27H	21.96

7.2 Form731_ERP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
17	5	706.5	713.5	0.0399	0.0143	ppm	4M58G7D	27H	16.01
17	5	706.5	713.5	0.0308	0.0165	ppm	4M59W7D	27H	14.89
17	10	709	711	0.0368	0.0137	ppm	9M12G7D	27H	15.66
17	10	709	711	0.0337	0.0144	ppm	9M09W7D	27H	15.28